

November 16, 2005
Project No. 205372006

Mr. Patrick Russell
Bloomfield Partners II, LLC
18802 Bardeen Avenue
Irvine, California 92612

Subject: Documentation of Laboratory Results and
Removal Activities of Excess Soil
Bloomfield II Property
10806 Bloomfield Avenue
Santa Fe Springs, California

Reference: Ninyo & Moore, 2004, Revised Soil Management Plan, Bloomfield II Property,
10806 Bloomfield Avenue, Santa Fe Springs, California: Report prepared for
Bloomfield Partners II, LLC, Irvine, California, dated June 17, 2004.

Dear Mr. Russell:

This letter documents the laboratory results and removal activities of excess soil from the Bloomfield II Property located at 10806 Bloomfield Avenue in the city of Santa Fe Springs, California (site, Figures 1 and 2). By the end of the redevelopment activities, excess soil was discovered at the site. Prior to removal of the soil, discrete soil samples were collected and analyzed as per the Revised Soil Management Plan (SMP) dated June 17, 2004. The SMP was prepared and approved by the Santa Fe Springs Fire Department (SFSFD) for monitoring grading and redevelopment activities at the site.

Excess soil (estimated at approximately 2,500 cubic yards) was stockpiled throughout the site (Figure 2). On August 24, 2005, Ninyo & Moore collected six soil samples (designated SP-1 through SP-6) from random areas of the stockpiled soil (Figure 2). The sample locations were randomly chosen throughout the stockpiles. The samples were collected in laboratory-supplied, 4-ounce glass jars. Samples to be analyzed for volatile analyses were collected from each sampling location using EPA Method No. 5035.

Soil samples were analyzed by Advance Technology Laboratories (ATL) of Signal Hill, California, a State-certified environmental laboratory. Each sample was analyzed for total petroleum hydrocarbons as gasoline C₄-C₁₂ (TPHg), total petroleum hydrocarbons carbon chain C₁₀-C₃₂ (TPHcc, including diesel range C₁₃-C₂₂ [TPHd] and oil range C₂₃-C₃₂+ [TPHo] hydrocarbons), volatile organic compounds (VOCs, including methyl tertiary butyl ether [MTBE] and other fuel oxygenates), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), and Title 22 metals in general accordance with EPA Method Nos. 8015 (modified), 8260B, 8270, 8082, and 6010/7000 series.

Laboratory results indicated no detectable to low concentrations of the constituents analyzed. Below is a summary of the laboratory results per analytical method.

- TPHg – the six samples reported no detectable concentrations.
- TPHd – the six samples reported concentrations ranging from 72 to 110 milligrams per kilogram (mg/kg), well below the 7,500 mg/kg SFSFD guideline.
- TPHo – the six samples reported concentrations ranging from 430 to 860 mg/kg, well below the 36,000 mg/kg SFSFD guideline.
- VOCs – except for one sample reporting detectable concentrations of bromodichloromethane at 0.0061 mg/kg, the six samples reported no detectable concentrations. There are no regulatory cleanup values for bromodichloromethane. Based on our experience, this concentration would be considered very low.
- PCBs – the six samples reported concentrations ranging from no detectable concentrations to 0.042 mg/kg of Arclor 1254 and 1260, well below the Federal Preliminary Remediation Goal for residential land use (PRGr) of 0.22 mg/kg.
- SVOCs – the six samples reported no detectable concentrations.
- Title 22 Metals – the six samples reported no detectable to low concentrations, well below the Total Threshold Limit Concentration (TTLC) values, ten times the Soluble Threshold Limit Concentration (STLC) values, and below the PRGr values (except for arsenic). Arsenic was detected at concentrations up to 4.6 mg/kg, well below the 13 mg/kg background concentration outlined in the approved SMP.

Based on these results, Bloomfield Partners II, LLC transported the soil to the Cenco Refinery, located immediately west of the site and beyond Bloomfield Avenue. Ninyo & Moore documented the final location of the soil on the Cenco property (Figure 3). Photographs of the stockpile are also attached.

If you have any questions or comments regarding this letter, please contact the undersigned at your convenience.

Sincerely,
NINYO & MOORE



Darren P. Burgett
Senior Staff Environmental Scientist



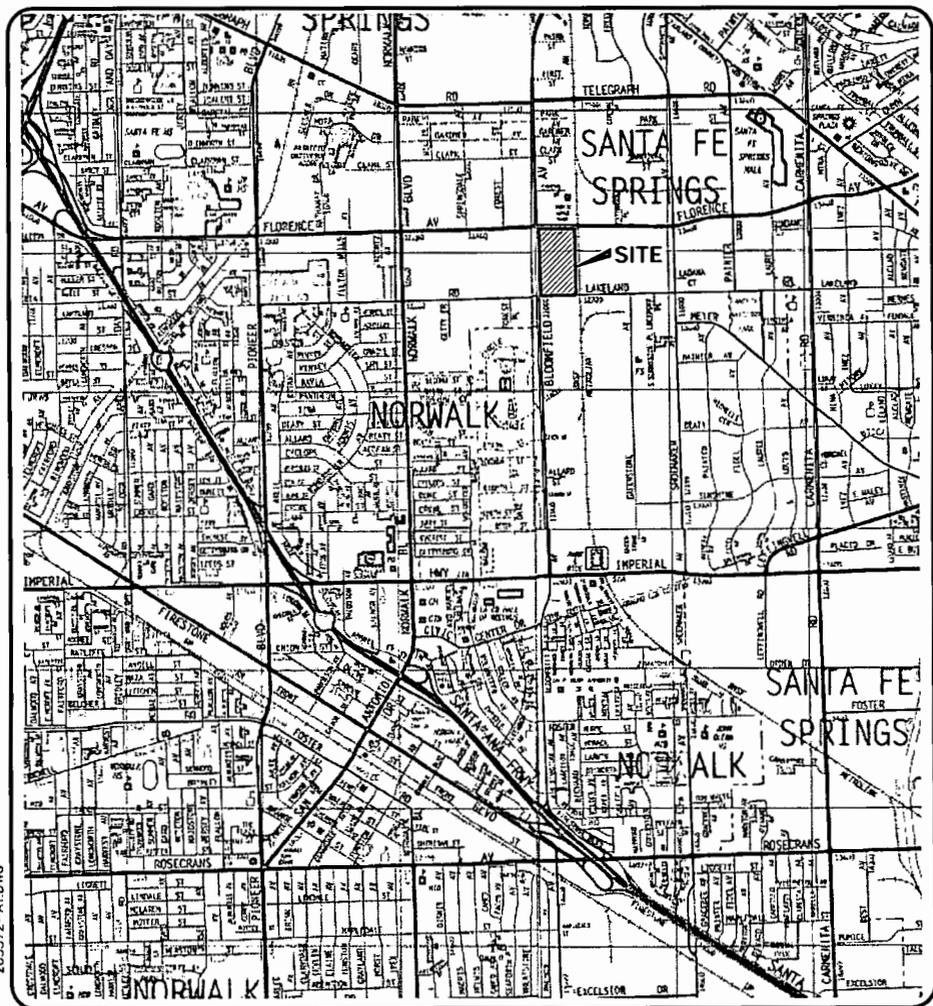
Paul A. Roberts, P.G., R.E.A. /II
Senior Environmental Geologist

DPB/PAR/paw

Attachments: Figure 1 – Site Location Map
Figure 2 – Soil Sample Location Map
Figure 3 – Stockpile Soil Location Map
Attachment A – Laboratory Reports
Attachment B – Photographic Documentation

Distribution: (1) Addressee
(1) Mr. Peter Rooney, Bloomfield Partners II, LLC
(1) Mr. Tom Hall, Santa Fe Springs Fire Department
(1) Pam Andes, Esq., Allen Matkins Leck Gamble & Mallory, LLP

205372-A1.DWG



REFERENCE: 2000 THOMAS GUIDE FOR LOS ANGELES AND ORANGE COUNTIES, STREET GUIDE AND DIRECTORY.



0 2400 4800
APPROXIMATE SCALE IN FEET

Ninyo & Moore

SITE LOCATION MAP

BLOOMFIELD II PROPERTY
10806 BLOOMFIELD AVENUE
SANTA FE SPRINGS, CALIFORNIA

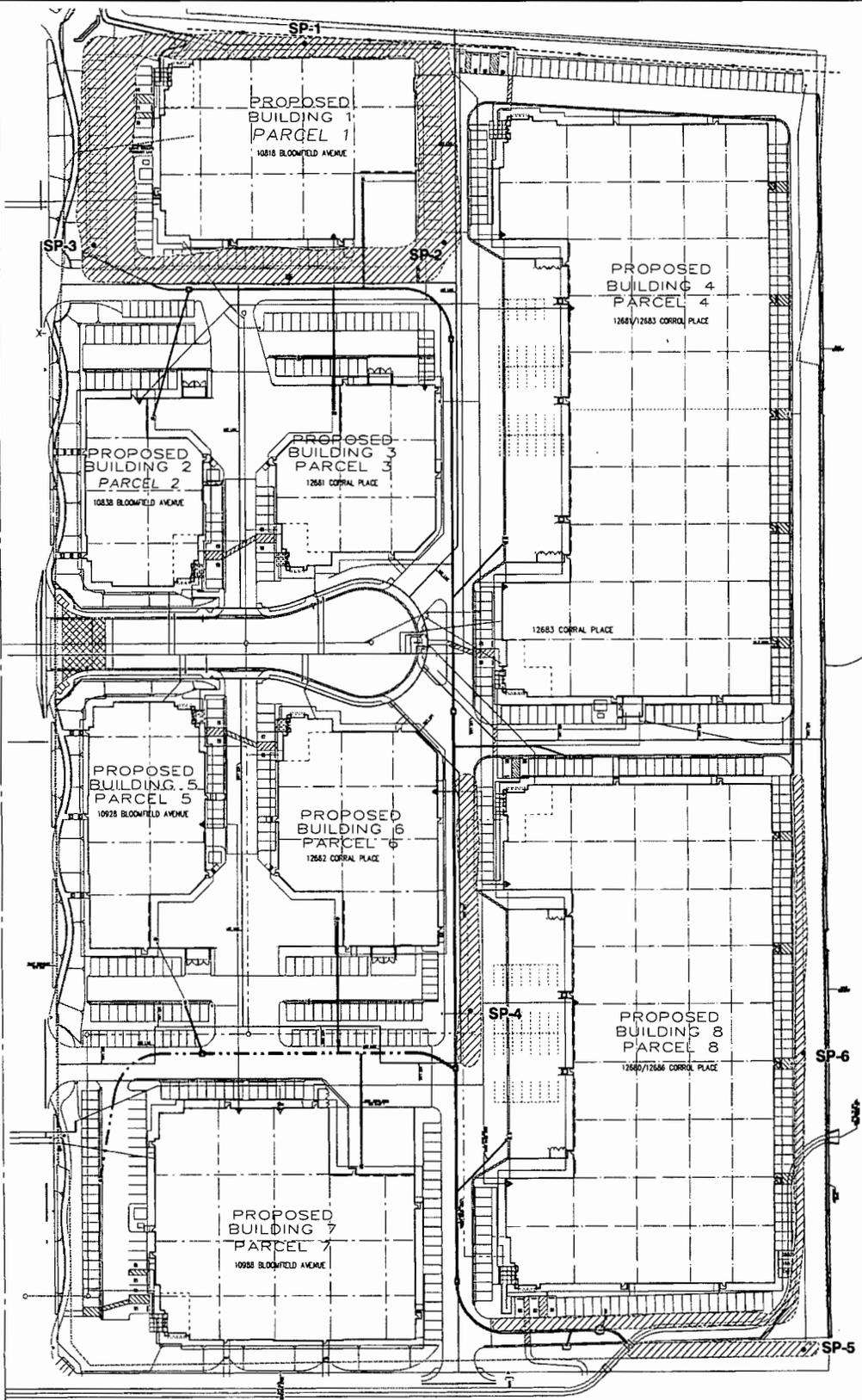
PROJECT NO.
205372006

DATE
8/2005

FIGURE
1

CENCO REFINERY

BLOOMFIELD AVENUE



A. L. & S. F. BARBOSA R/M

LAKELAND ROAD

- LEGEND**
- LOT LINE
 - - - FENCE
 - SP-6 STOCKPILE AND SAMPLE LOCATION
 - HYDRANT

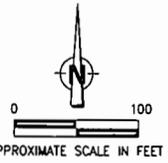
- NOTES**
1. BASE MAP PROVIDED BY BLOOMFIELD PARTNER II, LLC.
 2. ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

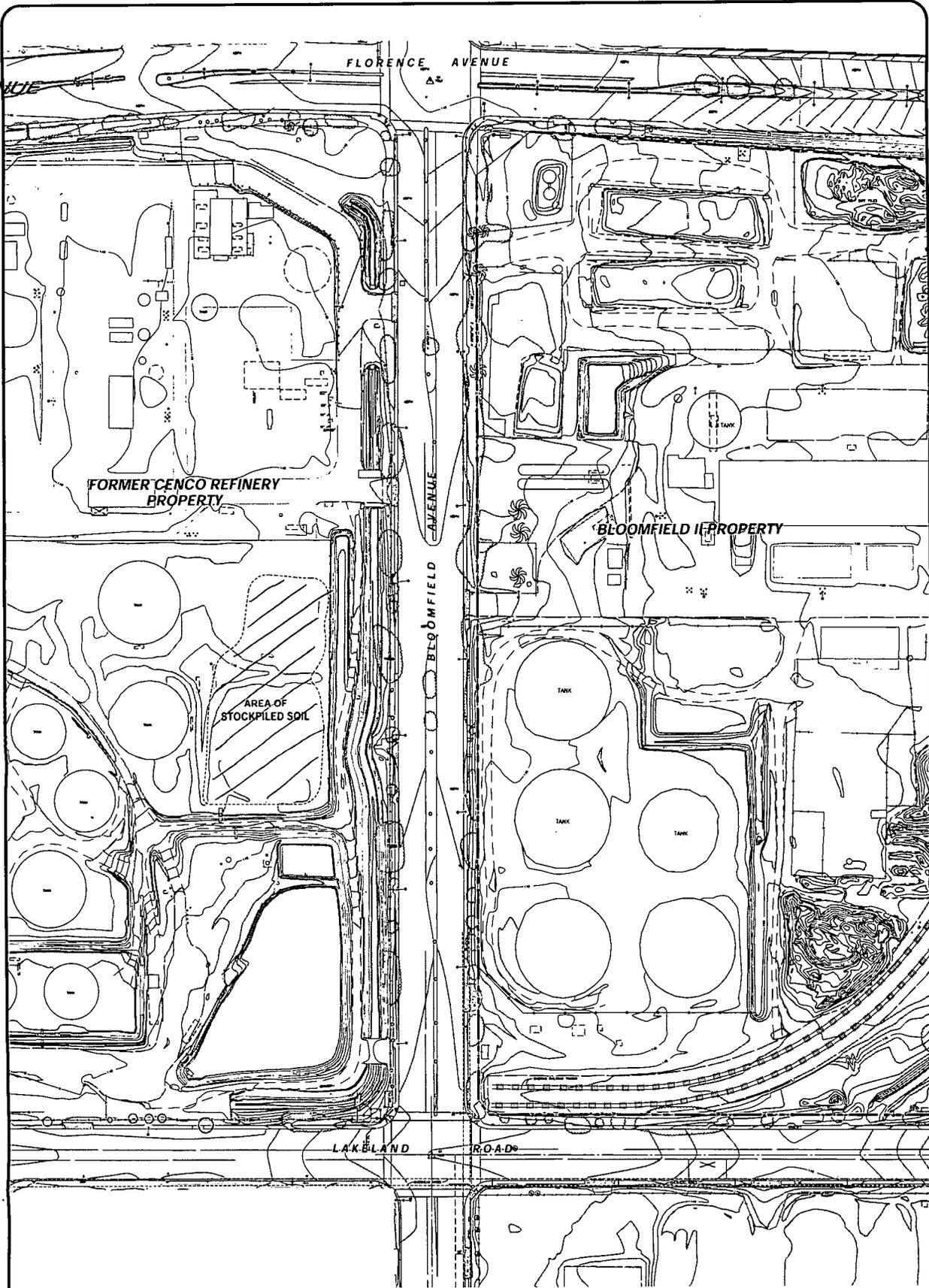
SOIL SAMPLE LOCATION MAP

BLOOMFIELD II PROPERTY
10806 BLOOMFIELD AVENUE
SANTA FE SPRINGS, CALIFORNIA

PROJECT NO.	DATE	FIGURE
205372006	9/2005	2



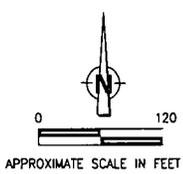
205372-B2.DWG



LEGEND
 - - - - - BLOOMFIELD II PROPERTY BOUNDARY

REFERENCE: BASE MAP PROVIDED BY THEINES ENGINEERING.
 NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

205372-B3.DWG



STOCKPILE SOIL LOCATION MAP		
BLOOMFIELD II PROPERTY 10806 BLOOMFIELD AVENUE SANTA FE SPRINGS, CALIFORNIA		
PROJECT NO.	DATE	FIGURE
205372006	9/2005	3

10806 Bloomfield Avenue
Santa Fe Springs, California

November 16, 2005
Project No. 205372006

ATTACHMENT A
LABORATORY REPORTS

August 30, 2005

Paul Roberts
Ninyo & Moore
475 Goddard Suite 200
Irvine, CA 92618

TEL: (949) 697-2198

FAX: (949) 753-7071

RE: Bloomfield II, 205372001

Attention: Paul Roberts



ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196

Workorder No.: 078325

Enclosed are the results for sample(s) received on August 24, 2005 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,



Eddie F. Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.



Advanced Technology
Laboratories

Page 1 of 65

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Ninyo & Moore
Project: Bloomfield II, 205372001
Lab Order: 078325

CASE NARRATIVE

All volatile analyses were performed using 5035 preservation requirements. Any high level dilutions were performed on a preserved methanol sample unless otherwise noted.



Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Ninyo & Moore

Client Sample ID: SP-1

Lab Order: 078325

Project: Bloomfield II, 205372001

Collection Date: 8/24/2005 8:50:00 AM

Lab ID: 078325-001

Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

RunID:	(EPA 3050B)			EPA 6010B		
	ICP6_050825F	QC Batch:	24013	PrepDate:	8/25/2005	Analyst: RQ
Antimony	ND	2.0	mg/Kg	1	8/25/2005	
Arsenic	3.7	1.0	mg/Kg	1	8/25/2005	
Barium	140	1.0	mg/Kg	1	8/25/2005	
Beryllium	ND	1.0	mg/Kg	1	8/25/2005	
Cadmium	ND	1.0	mg/Kg	1	8/25/2005	
Chromium	21	1.0	mg/Kg	1	8/25/2005	
Cobalt	11	1.0	mg/Kg	1	8/25/2005	
Copper	23	2.0	mg/Kg	1	8/25/2005	
Lead	18	1.0	mg/Kg	1	8/25/2005	
Molybdenum	ND	1.0	mg/Kg	1	8/25/2005	
Nickel	17	1.0	mg/Kg	1	8/25/2005	
Selenium	ND	1.0	mg/Kg	1	8/25/2005	
Silver	ND	1.0	mg/Kg	1	8/25/2005	
Thallium	ND	1.0	mg/Kg	1	8/25/2005	
Vanadium	37	1.0	mg/Kg	1	8/25/2005	
Zinc	69	1.0	mg/Kg	1	8/25/2005	

HYDROCARBON CHAIN IDENTIFICATION (LUFT)

RunID:	(LUFT)			EPA 8015B(M)		
	GC8_050828A	QC Batch:	24014	PrepDate:	8/25/2005	Analyst: EES
T/R Hydrocarbons: C10-C12	ND	10	mg/Kg	1	8/28/2005	
T/R Hydrocarbons: C13-C15	ND	10	mg/Kg	1	8/26/2005	
T/R Hydrocarbons: C16-C22	89	10	mg/Kg	1	8/26/2005	
T/R Hydrocarbons: C23-C32	340	10	mg/Kg	1	8/28/2005	
T/R Hydrocarbons:>C32	200	10	mg/Kg	1	8/26/2005	

GASOLINE RANGE ORGANICS BY GC/FID

RunID:	EPA 8015B(M)				
	GC2_050824A	QC Batch:	E05VS212	PrepDate:	8/24/2005
GRO	ND	1.4	mg/Kg	1	8/24/2005

PCB BY GC/ECD

RunID:	(EPA 3550B)			EPA 8082		
	GC4_050825A	QC Batch:	24015	PrepDate:	8/25/2005	Analyst: CPC
Aroclor 1018	ND	16	µg/Kg	1	8/26/2005	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 DO - Surrogate Diluted Out

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Samples exceeding holding time

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Results are wet unless otherwise specified



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3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Ninyo & Moore

Client Sample ID: SP-1

Lab Order: 078325

Project: Bloomfield II, 205372001

Collection Date: 8/24/2005 8:50:00 AM

Lab ID: 078325-001

Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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PCB BY GC/ECD

RunID: GC4_050825A	(EPA 3550B)		EPA 8082			
	QC Batch: 24015			PrepDate: 8/25/2005	Analyst: CPC	
Aroclor 1221	ND	33	µg/Kg	1	8/26/2005	
Aroclor 1232	ND	16	µg/Kg	1	8/26/2005	
Aroclor 1242	ND	16	µg/Kg	1	8/26/2005	
Aroclor 1248	ND	16	µg/Kg	1	8/26/2005	
Aroclor 1254	28	16	µg/Kg	1	8/26/2005	
Aroclor 1260	23	16	µg/Kg	1	8/26/2005	
Aroclor 1262	ND	16	µg/Kg	1	8/26/2005	
Aroclor 1268	ND	16	µg/Kg	1	8/26/2005	

MERCURY BY COLD VAPOR TECHNIQUE

RunID: AA1_050825C	(EPA 7471)		EPA 7471A			
	QC Batch: 24012			PrepDate: 8/25/2005	Analyst: JT	
Mercury	0.19	0.10	mg/Kg	1	8/25/2005	

VOLATILE ORGANIC COMPOUNDS BY GC/MS

RunID: MS1_050824A	(EPA 8260B)		EPA 8260B			
	QC Batch: P05VS138			PrepDate: 8/24/2005	Analyst: MFR	
1,1,1,2-Tetrachloroethane	ND	6.2	µg/Kg	1	8/24/2005	
1,1,1-Trichloroethane	ND	6.2	µg/Kg	1	8/24/2005	
1,1,2,2-Tetrachloroethane	ND	6.2	µg/Kg	1	8/24/2005	
1,1,2-Trichloroethane	ND	6.2	µg/Kg	1	8/24/2005	
1,1-Dichloroethane	ND	6.2	µg/Kg	1	8/24/2005	
1,1-Dichloroethane	ND	6.2	µg/Kg	1	8/24/2005	
1,1-Dichloropropene	ND	6.2	µg/Kg	1	8/24/2005	
1,2,3-Trichlorobenzene	ND	6.2	µg/Kg	1	8/24/2005	
1,2,3-Trichloropropane	ND	6.2	µg/Kg	1	8/24/2005	
1,2,4-Trichlorobenzene	ND	6.2	µg/Kg	1	8/24/2005	
1,2,4-Trimethylbenzene	ND	6.2	µg/Kg	1	8/24/2005	
1,2-Dibromo-3-chloropropane	ND	12	µg/Kg	1	8/24/2005	
1,2-Dibromoethane	ND	6.2	µg/Kg	1	8/24/2005	
1,2-Dichlorobenzene	ND	6.2	µg/Kg	1	8/24/2005	
1,2-Dichloroethane	ND	6.2	µg/Kg	1	8/24/2005	
1,2-Dichloropropene	ND	6.2	µg/Kg	1	8/24/2005	
1,3,5-Trimethylbenzene	ND	6.2	µg/Kg	1	8/24/2005	
1,3-Dichlorobenzene	ND	6.2	µg/Kg	1	8/24/2005	
1,3-Dichlorobenzene	ND	6.2	µg/Kg	1	8/24/2005	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 DO - Surrogate Diluted Out

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H-Samples exceeding holding time

Results are wet unless otherwise specified

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3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Ninyo & Moore
 Lab Order: 078325
 Project: Bloomfield II, 205372001
 Lab ID: 078325-001

Client Sample ID: SP-1
 Collection Date: 8/24/2005 8:50:00 AM
 Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_050824A	QC Batch:	P05VS138	PrepDate:	8/24/2005	Analyst:	MFR
1,3-Dichloropropane	ND	6.2	µg/Kg	1	8/24/2005		
1,4-Dichlorobenzene	ND	6.2	µg/Kg	1	8/24/2005		
2,2-Dichloropropane	ND	6.2	µg/Kg	1	8/24/2005		
2-Chlorotoluene	ND	6.2	µg/Kg	1	8/24/2005		
4-Chlorotoluene	ND	6.2	µg/Kg	1	8/24/2005		
4-Isopropyltoluene	ND	6.2	µg/Kg	1	8/24/2005		
Benzene	ND	6.2	µg/Kg	1	8/24/2005		
Bromobenzene	ND	6.2	µg/Kg	1	8/24/2005		
Bromodichloromethane	ND	6.2	µg/Kg	1	8/24/2005		
Bromoform	ND	6.2	µg/Kg	1	8/24/2005		
Bromomethane	ND	6.2	µg/Kg	1	8/24/2005		
Carbon tetrachloride	ND	6.2	µg/Kg	1	8/24/2005		
Chlorobenzene	ND	6.2	µg/Kg	1	8/24/2005		
Chloroethane	ND	6.2	µg/Kg	1	8/24/2005		
Chloroform	ND	6.2	µg/Kg	1	8/24/2005		
Chloromethane	ND	6.2	µg/Kg	1	8/24/2005		
cis-1,2-Dichloroethane	ND	6.2	µg/Kg	1	8/24/2005		
cis-1,3-Dichloropropene	ND	6.2	µg/Kg	1	8/24/2005		
Diisopropyl ether	ND	6.2	µg/Kg	1	8/24/2005		
Dibromochloromethane	ND	6.2	µg/Kg	1	8/24/2005		
Dibromomethane	ND	6.2	µg/Kg	1	8/24/2005		
Dichlorodifluoromethane	ND	6.2	µg/Kg	1	8/24/2005		
Ethyl Tert-butyl ether	ND	6.2	µg/Kg	1	8/24/2005		
Ethylbenzene	ND	6.2	µg/Kg	1	8/24/2005		
Hexachlorobutadiene	ND	6.2	µg/Kg	1	8/24/2005		
Isopropylbenzene	ND	6.2	µg/Kg	1	8/24/2005		
m,p-Xylene	ND	12	µg/Kg	1	8/24/2005		
Methylene chloride	ND	6.2	µg/Kg	1	8/24/2005		
MTBE	ND	6.2	µg/Kg	1	8/24/2005		
n-Butylbenzene	ND	6.2	µg/Kg	1	8/24/2005		
n-Propylbenzene	ND	6.2	µg/Kg	1	8/24/2005		
Naphthalene	ND	6.2	µg/Kg	1	8/24/2005		
o-Xylene	ND	6.2	µg/Kg	1	8/24/2005		
sec-Butylbenzene	ND	6.2	µg/Kg	1	8/24/2005		
Styrene	ND	6.2	µg/Kg	1	8/24/2005		
Tert-amyl methyl ether	ND	6.2	µg/Kg	1	8/24/2005		

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 DO - Surrogate Diluted Out H-Samples exceeding holding time

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Results are wet unless otherwise specified



Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Ninyo & Moore
 Lab Order: 078325
 Project: Bloomfield II, 205372001
 Lab ID: 078325-001

Client Sample ID: SP-1
 Collection Date: 8/24/2005 8:50:00 AM
 Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_050824A	QC Batch:	P06VS138	PrepDate:	8/24/2005	Analyst:	MFR
Tert-Butanol	ND	120	µg/Kg	1		8/24/2005	
tert-Butylbenzene	ND	6.2	µg/Kg	1		8/24/2005	
Tetrachloroethene	ND	6.2	µg/Kg	1		8/24/2005	
Toluene	ND	6.2	µg/Kg	1		8/24/2005	
trans-1,2-Dichloroethene	ND	6.2	µg/Kg	1		8/24/2005	
Trichloroethene	ND	6.2	µg/Kg	1		8/24/2005	
Trichlorofluoromethane	ND	6.2	µg/Kg	1		8/24/2005	
Vinyl chloride	ND	6.2	µg/Kg	1		8/24/2005	

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 3550B)

EPA 8270C

RunID:	MS7_050825B	QC Batch:	24016	PrepDate:	8/25/2005	Analyst:	MFR
1,2,4-Trichlorobenzene	ND	990	µg/Kg	1		8/26/2005	
1,2-Dichlorobenzene	ND	990	µg/Kg	1		8/26/2005	
1,3-Dichlorobenzene	ND	990	µg/Kg	1		8/26/2005	
1,4-Dichlorobenzene	ND	990	µg/Kg	1		8/26/2005	
2,4,5-Trichlorophenol	ND	990	µg/Kg	1		8/28/2005	
2,4,6-Trichlorophenol	ND	990	µg/Kg	1		8/26/2005	
2,4-Dichlorophenol	ND	5000	µg/Kg	1		8/26/2005	
2,4-Dimethylphenol	ND	990	µg/Kg	1		8/26/2005	
2,4-Dinitrophenol	ND	5000	µg/Kg	1		8/26/2005	
2,4-Dinitrotoluene	ND	990	µg/Kg	1		8/26/2005	
2,6-Dinitrotoluene	ND	990	µg/Kg	1		8/26/2005	
2-Chloronaphthalene	ND	990	µg/Kg	1		8/26/2005	
2-Chlorophenol	ND	990	µg/Kg	1		8/26/2005	
2-Methylnaphthalene	ND	990	µg/Kg	1		8/26/2005	
2-Methylphenol	ND	990	µg/Kg	1		8/26/2005	
2-Nitroaniline	ND	5000	µg/Kg	1		8/26/2005	
2-Nitrophenol	ND	990	µg/Kg	1		8/26/2005	
3,3'-Dichlorobenzidine	ND	2000	µg/Kg	1		8/26/2005	
3-Nitroaniline	ND	5000	µg/Kg	1		8/28/2005	
4,6-Dinitro-2-methylphenol	ND	5000	µg/Kg	1		8/26/2005	
4-Bromophenyl-phenylether	ND	990	µg/Kg	1		8/26/2005	
4-Chloro-3-methylphenol	ND	2000	µg/Kg	1		8/26/2005	
4-Chloroaniline	ND	2000	µg/Kg	1		8/26/2005	
4-Chlorophenyl-phenylether	ND	990	µg/Kg	1		8/26/2005	

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
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Advanced Technology
 Laboratories

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3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4104

Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Niayo & Moore
 Lab Order: 078325
 Project: Bloomfield II, 205372001
 Lab ID: 078325-001

Client Sample ID: SP-1
 Collection Date: 8/24/2005 8:50:00 AM
 Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 3550B)

EPA 8270C

RunID: MS7_050825B	QC Batch: 24016	PrepDate: 8/25/2005	Analyst: MFR		
4-Methylphenol	ND	990	µg/Kg	1	8/28/2005
4-Nitroaniline	ND	5000	µg/Kg	1	8/26/2005
4-Nitrophenol	ND	5000	µg/Kg	1	8/26/2005
Acenaphthene	ND	990	µg/Kg	1	8/26/2005
Acenaphthylene	ND	990	µg/Kg	1	8/26/2005
Anthracene	ND	990	µg/Kg	1	8/26/2005
Benzidine (M)	ND	5000	µg/Kg	1	8/28/2005
Benzo(a)anthracene	ND	990	µg/Kg	1	8/26/2005
Benzo(a)pyrene	ND	990	µg/Kg	1	8/26/2005
Benzo(b)fluoranthene	ND	990	µg/Kg	1	8/28/2005
Benzo(g,h,i)perylene	ND	990	µg/Kg	1	8/28/2005
Benzo(k)fluoranthene	ND	990	µg/Kg	1	8/26/2005
Benzoic acid	ND	5000	µg/Kg	1	8/26/2005
Benzyl alcohol	ND	2000	µg/Kg	1	8/26/2005
Bis(2-chloroethoxy)methane	ND	990	µg/Kg	1	8/26/2005
Bis(2-chloroethyl)ether	ND	990	µg/Kg	1	8/26/2005
Bis(2-chloroisopropyl)ether	ND	990	µg/Kg	1	8/26/2005
Bis(2-ethylhexyl)phthalate	ND	990	µg/Kg	1	8/26/2005
Butylbenzylphthalate	ND	990	µg/Kg	1	8/26/2005
Chrysene	ND	990	µg/Kg	1	8/26/2005
Di-n-butylphthalate	ND	990	µg/Kg	1	8/26/2005
Di-n-octylphthalate	ND	990	µg/Kg	1	8/26/2005
Dibenz(a,h)anthracene	ND	990	µg/Kg	1	8/26/2005
Dibenzofuran	ND	990	µg/Kg	1	8/26/2005
Diethylphthalate	ND	990	µg/Kg	1	8/26/2005
Dimethylphthalate	ND	990	µg/Kg	1	8/26/2005
Fluoranthene	ND	990	µg/Kg	1	8/26/2005
Fluorene	ND	990	µg/Kg	1	8/26/2005
Hexachlorobenzene	ND	990	µg/Kg	1	8/26/2005
Hexachlorobutadiene	ND	2000	µg/Kg	1	8/26/2005
Hexachlorocyclopentadiene	ND	2000	µg/Kg	1	8/26/2005
Hexachloroethane	ND	990	µg/Kg	1	8/26/2005
Indeno(1,2,3-cd)pyrene	ND	990	µg/Kg	1	8/28/2005
Isophorone	ND	990	µg/Kg	1	8/26/2005
N-Nitrosodi-n-propylamine	ND	990	µg/Kg	1	8/26/2005
N-Nitrosodiphenylamine	ND	990	µg/Kg	1	8/26/2005

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 DO - Surrogate Diluted Out H - Samples exceeding holding time

Results are wet unless otherwise specified

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Laboratories

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3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Ninyo & Moore

Client Sample ID: SP-1

Lab Order: 078325

Project: Bloomfield II, 205372001

Collection Date: 8/24/2005 8:50:00 AM

Lab ID: 078325-001

Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 3550B)

EPA 8270C

RunID: MS7_050825B	QC Batch: 24016	PrepDate: 8/25/2005	Analyst: MFR		
Naphthalene	ND	990	µg/Kg	1	8/28/2005
Nitrobenzene	ND	990	µg/Kg	1	8/28/2005
Pentachlorophenol	ND	5000	µg/Kg	1	8/26/2005
Phenanthrene	ND	990	µg/Kg	1	8/28/2005
Phenol	ND	990	µg/Kg	1	8/28/2005
Pyrene	ND	990	µg/Kg	1	8/28/2005

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 DO - Surrogate Diluted Out

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Samples exceeding holding time

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Results are wet unless otherwise specified



Advanced Technology
Laboratories

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3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Ninyo & Moore
 Lab Order: 078325
 Project: Bloomfield II, 205372001
 Lab ID: 078325-002

Client Sample ID: SP-2
 Collection Date: 8/24/2005 9:10:00 AM
 Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

RunID:	(EPA 3050B)		EPA 8010B		PrepDate:	8/25/2005	Analyst: RQ
	QC Batch:	24013					
Antimony	ND	2.0	mg/Kg	1		8/25/2005	
Arsenic	3.8	1.0	mg/Kg	1		8/25/2005	
Barium	150	1.0	mg/Kg	1		8/25/2005	
Beryllium	ND	1.0	mg/Kg	1		8/25/2005	
Cadmium	ND	1.0	mg/Kg	1		8/25/2005	
Chromium	26	1.0	mg/Kg	1		8/25/2005	
Cobalt	11	1.0	mg/Kg	1		8/25/2005	
Copper	29	2.0	mg/Kg	1		8/25/2005	
Lead	27	1.0	mg/Kg	1		8/25/2005	
Molybdenum	ND	1.0	mg/Kg	1		8/25/2005	
Nickel	18	1.0	mg/Kg	1		8/25/2005	
Selenium	ND	1.0	mg/Kg	1		8/25/2005	
Silver	ND	1.0	mg/Kg	1		8/25/2005	
Thallium	ND	1.0	mg/Kg	1		8/25/2005	
Vanadium	42	1.0	mg/Kg	1		8/25/2005	
Zinc	91	1.0	mg/Kg	1		8/25/2005	

HYDROCARBON CHAIN IDENTIFICATION

RunID:	(LUFT)		EPA 8015B(M)		PrepDate:	8/25/2005	Analyst: EES
	QC Batch:	24014					
T/R Hydrocarbons: C10-C12	ND	10	mg/Kg	1		8/28/2005	
T/R Hydrocarbons: C13-C15	ND	10	mg/Kg	1		8/28/2005	
T/R Hydrocarbons: C18-C22	96	10	mg/Kg	1		8/28/2005	
T/R Hydrocarbons: C23-C32	470	10	mg/Kg	1		8/28/2005	
T/R Hydrocarbons:>C32	300	10	mg/Kg	1		8/28/2005	

GASOLINE RANGE ORGANICS BY GC/FID

RunID:	EPA 8015B(M)		PrepDate:	8/24/2005	Analyst: TT
	QC Batch:	E05VS212			
GRO	ND	1.4	mg/Kg	1	8/24/2005

PCB BY GC/ECD

RunID:	(EPA 3550B)		EPA 8082		PrepDate:	8/25/2005	Analyst: CPC
	QC Batch:	24015					
Aroclor 1016	ND	16	µg/Kg	1		8/28/2005	

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantization limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantization range
 DO - Surrogate Diluted Out H-Samples exceeding holding time

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Results are wet unless otherwise specified



Advanced Technology
 Laboratories

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3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Ninyo & Moore
 Lab Order: 078325
 Project: Bloomfield II, 205372001
 Lab ID: 078325-002

Client Sample ID: SP-2
 Collection Date: 8/24/2005 9:10:00 AM
 Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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PCB BY GC/ECD

(EPA 3550B)

EPA 8082

RunID:	GC4_050825A	QC Batch:	24015	PrepDate:	8/25/2005	Analyst:	CPC
Aroclor 1221	ND	33		µg/Kg	1	8/26/2005	
Aroclor 1232	ND	16		µg/Kg	1	8/26/2005	
Aroclor 1242	ND	16		µg/Kg	1	8/26/2005	
Aroclor 1248	ND	16		µg/Kg	1	8/26/2005	
Aroclor 1254	27	16		µg/Kg	1	8/26/2005	
Aroclor 1260	22	16		µg/Kg	1	8/26/2005	
Aroclor 1262	ND	16		µg/Kg	1	8/26/2005	
Aroclor 1268	ND	16		µg/Kg	1	8/26/2005	

MERCURY BY COLD VAPOR TECHNIQUE

(EPA 7471)

EPA 7471A

RunID:	AA1_050825C	QC Batch:	24012	PrepDate:	8/25/2005	Analyst:	JT
Mercury	0.21	0.10		mg/Kg	1	8/25/2005	

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_050825A	QC Batch:	P05V5139	PrepDate:	8/24/2005	Analyst:	MFR
1,1,1,2-Tetrachloroethane	ND	6.8		µg/Kg	1	8/25/2005	
1,1,1-Trichloroethane	ND	6.8		µg/Kg	1	8/25/2005	
1,1,2,2-Tetrachloroethane	ND	6.8		µg/Kg	1	8/25/2005	
1,1,2-Trichloroethane	ND	6.8		µg/Kg	1	8/25/2005	
1,1-Dichloroethane	ND	6.8		µg/Kg	1	8/25/2005	
1,1-Dichloroethane	ND	6.8		µg/Kg	1	8/25/2005	
1,1-Dichloropropene	ND	6.8		µg/Kg	1	8/25/2005	
1,2,3-Trichlorobenzene	ND	6.8		µg/Kg	1	8/25/2005	
1,2,3-Trichloropropane	ND	6.8		µg/Kg	1	8/25/2005	
1,2,4-Trichlorobenzene	ND	6.8		µg/Kg	1	8/25/2005	
1,2,4-Trimethylbenzene	ND	6.8		µg/Kg	1	8/25/2005	
1,2-Dibromo-3-chloropropane	ND	14		µg/Kg	1	8/25/2005	
1,2-Dibromoethane	ND	6.8		µg/Kg	1	8/25/2005	
1,2-Dichlorobenzene	ND	6.8		µg/Kg	1	8/25/2005	
1,2-Dichloroethane	ND	6.8		µg/Kg	1	8/25/2005	
1,2-Dichloropropene	ND	6.8		µg/Kg	1	8/25/2005	
1,3,5-Trimethylbenzene	ND	6.8		µg/Kg	1	8/25/2005	
1,3-Dichlorobenzene	ND	6.8		µg/Kg	1	8/25/2005	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 DO - Surrogate Diluted Out

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Samples exceeding holding time

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Results are wet unless otherwise specified



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3725 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Ninyo & Moore
 Lab Order: 078325
 Project: Bloomfield II, 205372001
 Lab ID: 078325-002

Client Sample ID: SP-2
 Collection Date: 8/24/2005 9:10:00 AM
 Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_050825A	QC Batch:	P05VS139	PrepDate:	8/24/2005	Analyst:	MFR
1,3-Dichloropropane	ND	6.8	µg/Kg	1	8/25/2005		
1,4-Dichlorobenzene	ND	6.8	µg/Kg	1	8/25/2005		
2,2-Dichloropropane	ND	6.8	µg/Kg	1	8/25/2005		
2-Chlorotoluene	ND	6.8	µg/Kg	1	8/25/2005		
4-Chlorotoluene	ND	6.8	µg/Kg	1	8/25/2005		
4-Isopropyltoluene	ND	6.8	µg/Kg	1	8/25/2005		
Benzene	ND	6.8	µg/Kg	1	8/25/2005		
Bromobenzene	ND	6.8	µg/Kg	1	8/25/2005		
Bromodichloromethane	ND	6.8	µg/Kg	1	8/25/2005		
Bromofom	ND	6.8	µg/Kg	1	8/25/2005		
Bromomethane	ND	6.8	µg/Kg	1	8/25/2005		
Carbon tetrachloride	ND	6.8	µg/Kg	1	8/25/2005		
Chlorobenzene	ND	6.8	µg/Kg	1	8/25/2005		
Chloroethane	ND	6.8	µg/Kg	1	8/25/2005		
Chloroform	ND	6.8	µg/Kg	1	8/25/2005		
Chloromethane	ND	6.8	µg/Kg	1	8/25/2005		
cis-1,2-Dichloroethene	ND	6.8	µg/Kg	1	8/25/2005		
cis-1,3-Dichloropropene	ND	6.8	µg/Kg	1	8/25/2005		
Di-Isopropyl ether	ND	6.8	µg/Kg	1	8/25/2005		
Dibromochloromethane	ND	6.8	µg/Kg	1	8/25/2005		
Dibromomethane	ND	6.8	µg/Kg	1	8/25/2005		
Dichlorodifluoromethane	ND	6.8	µg/Kg	1	8/25/2005		
Ethyl Tert-butyl ether	ND	6.8	µg/Kg	1	8/25/2005		
Ethylbenzene	ND	6.8	µg/Kg	1	8/25/2005		
Hexachlorobutadiene	ND	6.8	µg/Kg	1	8/25/2005		
Isopropylbenzene	ND	6.8	µg/Kg	1	8/25/2005		
m,p-Xylene	ND	14	µg/Kg	1	8/25/2005		
Methylene chloride	ND	6.8	µg/Kg	1	8/25/2005		
MTBE	ND	6.8	µg/Kg	1	8/25/2005		
n-Butylbenzene	ND	6.8	µg/Kg	1	8/25/2005		
n-Propylbenzene	ND	6.8	µg/Kg	1	8/25/2005		
Naphthalene	ND	6.8	µg/Kg	1	8/25/2005		
o-Xylene	ND	6.8	µg/Kg	1	8/25/2005		
sec-Butylbenzene	ND	6.8	µg/Kg	1	8/25/2005		
Styrene	ND	6.8	µg/Kg	1	8/25/2005		
Tert-amyl methyl ether	ND	6.8	µg/Kg	1	8/25/2005		

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 DO - Surrogate Diluted Out H-Samples exceeding holding time

Results are wet unless otherwise specified

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Advanced Technology
 Laboratories

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3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Ninyo & Moore
 Lab Order: 078325
 Project: Bloomfield II, 205372001
 Lab ID: 078325-002

Client Sample ID: SP-2
 Collection Date: 8/24/2005 9:10:00 AM
 Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_050825A	QC Batch:	P05VS139	PrepDate:	8/24/2005	Analyst:	MFR
Tert-Butanol	ND	140	µg/Kg	1	8/25/2005		
tert-Butylbenzene	ND	6.8	µg/Kg	1	8/25/2005		
Tetrachloroethane	ND	6.8	µg/Kg	1	8/25/2005		
Toluene	ND	6.8	µg/Kg	1	8/25/2005		
trans-1,2-Dichloroethane	ND	6.8	µg/Kg	1	8/25/2005		
Trichloroethane	ND	6.8	µg/Kg	1	8/25/2005		
Trichlorofluoromethane	ND	6.8	µg/Kg	1	8/25/2005		
Vinyl chloride	ND	6.8	µg/Kg	1	8/25/2005		

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 3550B)

EPA 8270C

RunID:	MS7_050825B	QC Batch:	24016	PrepDate:	8/25/2005	Analyst:	MFR
1,2,4-Trichlorobenzene	ND	990	µg/Kg	1	8/26/2005		
1,2-Dichlorobenzene	ND	990	µg/Kg	1	8/26/2005		
1,3-Dichlorobenzene	ND	990	µg/Kg	1	8/26/2005		
1,4-Dichlorobenzene	ND	990	µg/Kg	1	8/26/2005		
2,4,5-Trichlorophenol	ND	990	µg/Kg	1	8/26/2005		
2,4,6-Trichlorophenol	ND	990	µg/Kg	1	8/26/2005		
2,4-Dichlorophenol	ND	5000	µg/Kg	1	8/26/2005		
2,4-Dimethylphenol	ND	990	µg/Kg	1	8/26/2005		
2,4-Dinitrophenol	ND	5000	µg/Kg	1	8/26/2005		
2,4-Dinitrotoluene	ND	990	µg/Kg	1	8/26/2005		
2,6-Dinitrotoluene	ND	990	µg/Kg	1	8/26/2005		
2-Chloronaphthalene	ND	990	µg/Kg	1	8/26/2005		
2-Chlorophenol	ND	990	µg/Kg	1	8/26/2005		
2-Methylnaphthalene	ND	990	µg/Kg	1	8/26/2005		
2-Methylphenol	ND	990	µg/Kg	1	8/26/2005		
2-Nitroanisole	ND	5000	µg/Kg	1	8/26/2005		
2-Nitrophenol	ND	990	µg/Kg	1	8/26/2005		
3,3'-Dichlorobenzidine	ND	2000	µg/Kg	1	8/26/2005		
3-Nitroanisole	ND	5000	µg/Kg	1	8/26/2005		
4,6-Dinitro-2-methylphenol	ND	5000	µg/Kg	1	8/26/2005		
4-Bromophenyl-phenylether	ND	990	µg/Kg	1	8/26/2005		
4-Chloro-3-methylphenol	ND	2000	µg/Kg	1	8/26/2005		
4-Chloroanisole	ND	2000	µg/Kg	1	8/26/2005		
4-Chlorophenyl-phenylether	ND	990	µg/Kg	1	8/26/2005		

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 DO - Surrogate Diluted Out H - Samples exceeding holding time

Results are wet unless otherwise specified

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Advanced Technology
 Laboratories

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3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Ninyo & Moore
 Lab Order: 078325
 Project: Bloomfield II, 205372001
 Lab ID: 078325-002

Client Sample ID: SP-2
 Collection Date: 8/24/2005 9:10:00 AM
 Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 3550B)

EPA 8270C

RunID: MS7_050825B	QC Batch: 24016	PrepDate: 8/25/2005	Analyst: MFR		
4-Methylphenol	ND	990	µg/Kg	1	8/26/2005
4-Nitroaniline	ND	5000	µg/Kg	1	8/28/2005
4-Nitrophenol	ND	5000	µg/Kg	1	8/28/2005
Acenaphthene	ND	990	µg/Kg	1	8/28/2005
Acenaphthylene	ND	990	µg/Kg	1	8/28/2005
Anthracene	ND	990	µg/Kg	1	8/28/2005
Benzdine (M)	ND	5000	µg/Kg	1	8/26/2005
Benzo(a)anthracene	ND	990	µg/Kg	1	8/28/2005
Benzo(a)pyrene	ND	990	µg/Kg	1	8/28/2005
Benzo(b)fluoranthene	ND	990	µg/Kg	1	8/26/2005
Benzo(g,h,i)perylene	ND	990	µg/Kg	1	8/28/2005
Benzo(k)fluoranthene	ND	990	µg/Kg	1	8/28/2005
Benzoic acid	ND	5000	µg/Kg	1	8/26/2005
Benzyl alcohol	ND	2000	µg/Kg	1	8/28/2005
Bis(2-chloroethoxy)methane	ND	990	µg/Kg	1	8/26/2005
Bis(2-chloroethyl)ether	ND	990	µg/Kg	1	8/28/2005
Bis(2-chloroisopropyl)ether	ND	990	µg/Kg	1	8/26/2005
Bis(2-ethylhexyl)phthalate	ND	990	µg/Kg	1	8/26/2005
Butylbenzylphthalate	ND	990	µg/Kg	1	8/26/2005
Chrysene	ND	990	µg/Kg	1	8/28/2005
Di-n-butylphthalate	ND	990	µg/Kg	1	8/26/2005
Di-n-octylphthalate	ND	990	µg/Kg	1	8/26/2005
Dibenz(a,h)anthracene	ND	990	µg/Kg	1	8/28/2005
Dibenzofuran	ND	990	µg/Kg	1	8/28/2005
Diethylphthalate	ND	990	µg/Kg	1	8/28/2005
Dimethylphthalate	ND	990	µg/Kg	1	8/28/2005
Fluoranthene	ND	990	µg/Kg	1	8/26/2005
Fluorene	ND	990	µg/Kg	1	8/28/2005
Hexachlorobenzene	ND	990	µg/Kg	1	8/28/2005
Hexachlorobutadiene	ND	2000	µg/Kg	1	8/26/2005
Hexachlorocyclopentadiene	ND	2000	µg/Kg	1	8/28/2005
Hexachloroethane	ND	990	µg/Kg	1	8/28/2005
Indeno(1,2,3-cd)pyrene	ND	990	µg/Kg	1	8/28/2005
Isophorone	ND	990	µg/Kg	1	8/26/2005
N-Nitrosodi-n-propylamine	ND	990	µg/Kg	1	8/26/2005
N-Nitrosodiphenylamine	ND	990	µg/Kg	1	8/28/2005

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

DO - Surrogate Diluted Out

H-Samples exceeding holding time

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Results are wet unless otherwise specified



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3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Ninyo & Moore
Lab Order: 078325
Project: Bloomfield II, 205372001
Lab ID: 078325-002

Client Sample ID: SP-2
Collection Date: 8/24/2005 9:10:00 AM
Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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**SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS
(EPA 3550B)****EPA 8270C**

RunID: MS7_050825B	QC Batch: 24016	PrepDate: 8/25/2005	Analyst: MFR		
Naphthalene	ND	990	µg/Kg	1	8/26/2005
Nitrobenzene	ND	990	µg/Kg	1	8/26/2005
Pentachlorophenol	ND	5000	µg/Kg	1	8/26/2005
Phenanthrene	ND	990	µg/Kg	1	8/26/2005
Phenol	ND	990	µg/Kg	1	8/26/2005
Pyrene	ND	990	µg/Kg	1	8/26/2005

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceeding holding time

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Results are wet unless otherwise specified



Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Ninyo & Moore
 Lab Order: 078325
 Project: Bloomfield II, 205372001
 Lab ID: 078325-003

Client Sample ID: SP-3
 Collection Date: 8/24/2005 9:20:00 AM
 Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

RunID:	(EPA 3050B)		EPA 8010B		PrepDate:	8/25/2005	Analyst: RQ
	ICP6_050825F	QC Batch:	24013				
Antimony	ND	2.0	mg/Kg	1	8/25/2005		
Arsenic	4.6	1.0	mg/Kg	1	8/25/2005		
Barium	140	1.0	mg/Kg	1	8/25/2005		
Beryllium	ND	1.0	mg/Kg	1	8/25/2005		
Cadmium	ND	1.0	mg/Kg	1	8/25/2005		
Chromium	22	1.0	mg/Kg	1	8/25/2005		
Cobalt	11	1.0	mg/Kg	1	8/25/2005		
Copper	30	2.0	mg/Kg	1	8/25/2005		
Lead	24	1.0	mg/Kg	1	8/25/2005		
Molybdenum	1.2	1.0	mg/Kg	1	8/25/2005		
Nickel	19	1.0	mg/Kg	1	8/25/2005		
Selenium	ND	1.0	mg/Kg	1	8/25/2005		
Silver	ND	1.0	mg/Kg	1	8/25/2005		
Thallium	ND	1.0	mg/Kg	1	8/25/2005		
Vanadium	37	1.0	mg/Kg	1	8/25/2005		
Zinc	77	1.0	mg/Kg	1	8/25/2005		

HYDROCARBON CHAIN IDENTIFICATION

RunID:	(LUFT)		EPA 8015B(M)		PrepDate:	8/25/2005	Analyst: EES
	GC8_050826A	QC Batch:	24014				
T/R Hydrocarbons: C10-C12	ND	10	mg/Kg	1	8/28/2005		
T/R Hydrocarbons: C13-C15	ND	10	mg/Kg	1	8/28/2005		
T/R Hydrocarbons: C16-C22	81	10	mg/Kg	1	8/28/2005		
T/R Hydrocarbons: C23-C32	170	10	mg/Kg	1	8/28/2005		
T/R Hydrocarbons>C32	280	10	mg/Kg	1	8/28/2005		

GASOLINE RANGE ORGANICS BY GC/FID

RunID:	EPA 8015B(M)		PrepDate:	8/24/2005	Analyst: TT
	GC2_050824A	QC Batch:			
GRO	ND	1.1	mg/Kg	1	8/24/2005

PCB BY GC/ECD

RunID:	(EPA 3550B)		EPA 8082		PrepDate:	8/25/2005	Analyst: CPC
	GC4_050825A	QC Batch:	24015				
Aroclor 1016	ND	16	µg/Kg	1	8/29/2005		

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 DO - Surrogate Diluted Out H - Samples exceeding holding time

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Reults are wet unless otherwise specified



Advanced Technology
 Laboratories

Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Ninyo & Moore

Client Sample ID: SP-3

Lab Order: 078325

Project: Bloomfield II, 205372001

Collection Date: 8/24/2005 9:20:00 AM

Lab ID: 078325-003

Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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PCB BY GC/ECD

(EPA 3550B)

EPA 8082

RunID:	GC4_050825A	QC Batch:	24015	PrepDate:	8/25/2005	Analyst:	CPC
Aroclor 1221	ND	33	µg/Kg	1	8/28/2005		
Aroclor 1232	ND	16	µg/Kg	1	8/26/2005		
Aroclor 1242	ND	16	µg/Kg	1	8/28/2005		
Aroclor 1248	ND	16	µg/Kg	1	8/28/2005		
Aroclor 1254	42	16	µg/Kg	1	8/28/2005		
Aroclor 1260	40	16	µg/Kg	1	8/28/2005		
Aroclor 1262	ND	16	µg/Kg	1	8/28/2005		
Aroclor 1268	ND	16	µg/Kg	1	8/28/2005		

MERCURY BY COLD VAPOR TECHNIQUE

(EPA 7471)

EPA 7471A

RunID:	AA1_050825C	QC Batch:	24012	PrepDate:	8/25/2005	Analyst:	JT
Mercury	0.22	0.10	mg/Kg	1	8/25/2005		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_050824A	QC Batch:	P05VS138	PrepDate:	8/24/2005	Analyst:	MFR
1,1,1,2-Tetrachloroethane	ND	7.4	µg/Kg	1	8/24/2005		
1,1,1-Trichloroethane	ND	7.4	µg/Kg	1	8/24/2005		
1,1,2,2-Tetrachloroethane	ND	7.4	µg/Kg	1	8/24/2005		
1,1,2-Trichloroethane	ND	7.4	µg/Kg	1	8/24/2005		
1,1-Dichloroethane	ND	7.4	µg/Kg	1	8/24/2005		
1,1-Dichloroethene	ND	7.4	µg/Kg	1	8/24/2005		
1,1-Dichloropropene	ND	7.4	µg/Kg	1	8/24/2005		
1,2,3-Trichlorobenzene	ND	7.4	µg/Kg	1	8/24/2005		
1,2,3-Trichloropropane	ND	7.4	µg/Kg	1	8/24/2005		
1,2,4-Trichlorobenzene	ND	7.4	µg/Kg	1	8/24/2005		
1,2,4-Trimethylbenzene	ND	7.4	µg/Kg	1	8/24/2005		
1,2-Dibromo-3-chloropropane	ND	15	µg/Kg	1	8/24/2005		
1,2-Dibromoethane	ND	7.4	µg/Kg	1	8/24/2005		
1,2-Dichlorobenzene	ND	7.4	µg/Kg	1	8/24/2005		
1,2-Dichloroethane	ND	7.4	µg/Kg	1	8/24/2005		
1,2-Dichloropropane	ND	7.4	µg/Kg	1	8/24/2005		
1,3,5-Trimethylbenzene	ND	7.4	µg/Kg	1	8/24/2005		
1,3-Dichlorobenzene	ND	7.4	µg/Kg	1	8/24/2005		

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

DO - Surrogate Diluted Out

H-Samples exceeding holding time

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Results are wet unless otherwise specified



Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Ninyo & Moore
 Lab Order: 078325
 Project: Bloomfield II, 205372001
 Lab ID: 078325-003

Client Sample ID: SP-3
 Collection Date: 8/24/2005 9:20:00 AM
 Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8280B

RunID:	MS1_050824A	QC Batch:	P05VS138	PrepDate:	8/24/2005	Analyst:	MFR
1,3-Dichloropropane	ND	7.4	µg/Kg	1	8/24/2005		
1,4-Dichlorobenzene	ND	7.4	µg/Kg	1	8/24/2005		
2,2-Dichloropropane	ND	7.4	µg/Kg	1	8/24/2005		
2-Chlorotoluene	ND	7.4	µg/Kg	1	8/24/2005		
4-Chlorotoluene	ND	7.4	µg/Kg	1	8/24/2005		
4-Isopropyltoluene	ND	7.4	µg/Kg	1	8/24/2005		
Benzene	ND	7.4	µg/Kg	1	8/24/2005		
Bromobenzene	ND	7.4	µg/Kg	1	8/24/2005		
Bromodichloromethane	ND	7.4	µg/Kg	1	8/24/2005		
Bromoform	ND	7.4	µg/Kg	1	8/24/2005		
Bromomethane	ND	7.4	µg/Kg	1	8/24/2005		
Carbon tetrachloride	ND	7.4	µg/Kg	1	8/24/2005		
Chlorobenzene	ND	7.4	µg/Kg	1	8/24/2005		
Chloroethane	ND	7.4	µg/Kg	1	8/24/2005		
Chloroform	ND	7.4	µg/Kg	1	8/24/2005		
Chloromethane	ND	7.4	µg/Kg	1	8/24/2005		
cis-1,2-Dichloroethane	ND	7.4	µg/Kg	1	8/24/2005		
cis-1,3-Dichloropropene	ND	7.4	µg/Kg	1	8/24/2005		
D-Isopropyl ether	ND	7.4	µg/Kg	1	8/24/2005		
Dibromochloromethane	ND	7.4	µg/Kg	1	8/24/2005		
Dibromomethane	ND	7.4	µg/Kg	1	8/24/2005		
Dichlorodifluoromethane	ND	7.4	µg/Kg	1	8/24/2005		
Ethyl Tert-butyl ether	ND	7.4	µg/Kg	1	8/24/2005		
Ethylbenzene	ND	7.4	µg/Kg	1	8/24/2005		
Hexachlorobutadiene	ND	7.4	µg/Kg	1	8/24/2005		
Isopropylbenzene	ND	7.4	µg/Kg	1	8/24/2005		
m,p-Xylene	ND	15	µg/Kg	1	8/24/2005		
Methylene chloride	ND	7.4	µg/Kg	1	8/24/2005		
MTBE	ND	7.4	µg/Kg	1	8/24/2005		
n-Butylbenzene	ND	7.4	µg/Kg	1	8/24/2005		
n-Propylbenzene	ND	7.4	µg/Kg	1	8/24/2005		
Naphthalene	ND	7.4	µg/Kg	1	8/24/2005		
o-Xylene	ND	7.4	µg/Kg	1	8/24/2005		
sec-Butylbenzene	ND	7.4	µg/Kg	1	8/24/2005		
Styrene	ND	7.4	µg/Kg	1	8/24/2005		
Tert-amyl methyl ether	ND	7.4	µg/Kg	1	8/24/2005		

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 DO - Surrogate Diluted Out H-Samples exceeding holding time

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Results are wet unless otherwise specified



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3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Ninyo & Moore
 Lab Order: 078325
 Project: Bloomfield II, 205372001
 Lab ID: 078325-003

Client Sample ID: SP-3
 Collection Date: 8/24/2005 9:20:00 AM
 Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_050824A	QC Batch:	P05VS138	PrepDate:	8/24/2005	Analyst:	MFR
Tert-Butanol	ND	150		µg/Kg	1	8/24/2005	
tert-Butylbenzene	ND	7.4		µg/Kg	1	8/24/2005	
Tetrachloroethene	ND	7.4		µg/Kg	1	8/24/2005	
Toluene	ND	7.4		µg/Kg	1	8/24/2005	
trans-1,2-Dichloroethene	ND	7.4		µg/Kg	1	8/24/2005	
Trichloroethene	ND	7.4		µg/Kg	1	8/24/2005	
Trichlorofluoromethane	ND	7.4		µg/Kg	1	8/24/2005	
Vinyl chloride	ND	7.4		µg/Kg	1	8/24/2005	

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

(EPA 8260B)

EPA 8270C

RunID:	MST_050825B	QC Batch:	24018	PrepDate:	8/25/2005	Analyst:	MFR
1,2,4-Trichlorobenzene	ND	990		µg/Kg	1	8/26/2005	
1,2-Dichlorobenzene	ND	990		µg/Kg	1	8/26/2005	
1,3-Dichlorobenzene	ND	990		µg/Kg	1	8/26/2005	
1,4-Dichlorobenzene	ND	990		µg/Kg	1	8/26/2005	
2,4,5-Trichlorophenol	ND	990		µg/Kg	1	8/26/2005	
2,4,6-Trichlorophenol	ND	990		µg/Kg	1	8/26/2005	
2,4-Dichlorophenol	ND	5000		µg/Kg	1	8/26/2005	
2,4-Dimethylphenol	ND	990		µg/Kg	1	8/26/2005	
2,4-Dinitrophenol	ND	5000		µg/Kg	1	8/26/2005	
2,4-Dinitrotoluene	ND	990		µg/Kg	1	8/26/2005	
2,6-Dinitrotoluene	ND	990		µg/Kg	1	8/26/2005	
2-Chloronaphthalene	ND	990		µg/Kg	1	8/26/2005	
2-Chlorophenol	ND	990		µg/Kg	1	8/26/2005	
2-Methylnaphthalene	ND	990		µg/Kg	1	8/26/2005	
2-Methylphenol	ND	990		µg/Kg	1	8/26/2005	
2-Nitroaniline	ND	5000		µg/Kg	1	8/26/2005	
2-Nitrophenol	ND	990		µg/Kg	1	8/26/2005	
3,3'-Dichlorobenzidine	ND	2000		µg/Kg	1	8/26/2005	
3-Nitroaniline	ND	5000		µg/Kg	1	8/26/2005	
4,6-Dinitro-2-methylphenol	ND	5000		µg/Kg	1	8/26/2005	
4-Bromophenyl-phenylether	ND	990		µg/Kg	1	8/26/2005	
4-Chloro-3-methylphenol	ND	2000		µg/Kg	1	8/26/2005	
4-Chloroaniline	ND	2000		µg/Kg	1	8/26/2005	
4-Chlorophenyl-phenylether	ND	990		µg/Kg	1	8/26/2005	

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 DO - Surrogate Diluted Out H - Samples exceeding holding time

Results are wet unless otherwise specified

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3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Ninyo & Moore
 Lab Order: 078325
 Project: Bloomfield II, 205372001
 Lab ID: 078325-003

Client Sample ID: SP-3
 Collection Date: 8/24/2005 9:20:00 AM
 Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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**SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS
 (EPA 3550B)**

EPA 8270C

RunID:	MS7_050825B	QC Batch:	24018	PrapDate:	8/25/2005	Analyst:	MFR
4-Methylphenol	ND	990	µg/Kg	1	8/28/2005		
4-Nitroaniline	ND	5000	µg/Kg	1	8/26/2005		
4-Nitrophenol	ND	5000	µg/Kg	1	8/28/2005		
Acenaphthene	ND	990	µg/Kg	1	8/26/2005		
Acenaphthylene	ND	990	µg/Kg	1	8/28/2005		
Anthracene	ND	990	µg/Kg	1	8/28/2005		
Benzidine (H)	ND	5000	µg/Kg	1	8/28/2005		
Benzo(a)anthracene	ND	990	µg/Kg	1	8/26/2005		
Benzo(a)pyrene	ND	990	µg/Kg	1	8/28/2005		
Benzo(b)fluoranthene	ND	990	µg/Kg	1	8/28/2005		
Benzo(g,h,i)perylene	ND	990	µg/Kg	1	8/26/2005		
Benzo(k)fluoranthene	ND	990	µg/Kg	1	8/28/2005		
Benzolic acid	ND	5000	µg/Kg	1	8/28/2005		
Benzyl alcohol	ND	2000	µg/Kg	1	8/28/2005		
Bis(2-chloroethoxy)methane	ND	990	µg/Kg	1	8/28/2005		
Bis(2-chloroethyl)ether	ND	990	µg/Kg	1	8/28/2005		
Bis(2-chloroisopropyl)ether	ND	990	µg/Kg	1	8/28/2005		
Bis(2-ethylhexyl)phthalate	ND	990	µg/Kg	1	8/28/2005		
Butylbenzylphthalate	ND	990	µg/Kg	1	8/28/2005		
Chrysene	ND	990	µg/Kg	1	8/26/2005		
Di-n-butylphthalate	ND	990	µg/Kg	1	8/28/2005		
Di-n-octylphthalate	ND	990	µg/Kg	1	8/26/2005		
Dibenz(a,h)anthracene	ND	990	µg/Kg	1	8/28/2005		
Dibenzofuran	ND	990	µg/Kg	1	8/28/2005		
Diethylphthalate	ND	990	µg/Kg	1	8/28/2005		
Dimethylphthalate	ND	990	µg/Kg	1	8/28/2005		
Fluoranthene	ND	990	µg/Kg	1	8/28/2005		
Fluorene	ND	990	µg/Kg	1	8/26/2005		
Hexachlorobenzene	ND	990	µg/Kg	1	8/28/2005		
Hexachlorobutadiene	ND	2000	µg/Kg	1	8/28/2005		
Hexachlorocyclopentadiene	ND	2000	µg/Kg	1	8/26/2005		
Hexachloroethane	ND	990	µg/Kg	1	8/26/2005		
Indeno(1,2,3-cd)pyrene	ND	990	µg/Kg	1	8/28/2005		
Isophorone	ND	990	µg/Kg	1	8/28/2005		
N-Nitrosodi-n-propylamine	ND	990	µg/Kg	1	8/26/2005		
N-Nitrosodiphenylamine	ND	990	µg/Kg	1	8/28/2005		

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 DO - Surrogate Diluted Out H-Samples exceeding holding time

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Results are wet unless otherwise specified



Advanced Technology
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Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Ninyo & Moore
Lab Order: 078325
Project: Bloomfield JJ, 205372001
Lab ID: 078325-003

Client Sample ID: SP-3
Collection Date: 8/24/2005 9:20:00 AM
Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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**SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS
 (EPA 3550B)**

EPA 8270C

RunID:	MS7_050825B	QC Batch:	24018	PrepDate:	8/25/2005	Analyst:	MFR
Naphthalene	ND	990	µg/Kg	1	8/26/2005		
Nitrobenzene	ND	990	µg/Kg	1	8/28/2005		
Pentachlorophenol	ND	5000	µg/Kg	1	8/28/2005		
Phenanthrene	ND	990	µg/Kg	1	8/28/2005		
Phenol	ND	990	µg/Kg	1	8/28/2005		
Pyrene	ND	990	µg/Kg	1	8/28/2005		

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 DO - Surrogate Diluted Out

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H-Samples exceeding holding time

Results are wet unless otherwise specified



Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Ninyo & Moore
 Lab Order: 078325
 Project: Bloomfield II, 205372001
 Lab ID: 078325-004

Client Sample ID: SP-4
 Collection Date: 8/24/2005 9:40:00 AM
 Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

RunID:	(EPA 3050B)			EPA 8010B		
	ICP6_050826F	QC Batch:	24013	PrepDate:	8/25/2005	Analyst: RQ
Antimony	ND	2.0	mg/Kg	1	8/25/2005	
Arsenic	2.7	1.0	mg/Kg	1	8/25/2005	
Barium	140	1.0	mg/Kg	1	8/25/2005	
Beryllium	ND	1.0	mg/Kg	1	8/25/2005	
Cadmium	ND	1.0	mg/Kg	1	8/25/2005	
Chromium	21	1.0	mg/Kg	1	8/25/2005	
Cobalt	11	1.0	mg/Kg	1	8/25/2005	
Copper	25	2.0	mg/Kg	1	8/25/2005	
Lead	20	1.0	mg/Kg	1	8/25/2005	
Molybdenum	ND	1.0	mg/Kg	1	8/25/2005	
Nickel	16	1.0	mg/Kg	1	8/25/2005	
Selenium	ND	1.0	mg/Kg	1	8/25/2005	
Silver	ND	1.0	mg/Kg	1	8/25/2005	
Thallium	ND	1.0	mg/Kg	1	8/25/2005	
Vanadium	42	1.0	mg/Kg	1	8/25/2005	
Zinc	70	1.0	mg/Kg	1	8/25/2005	

HYDROCARBON CHAIN IDENTIFICATION (LUFT)

RunID:	(EPA 8015B(M))				
	GCB_050826A	QC Batch:	24014	PrepDate:	8/25/2005
T/R Hydrocarbons: C10-C12	ND	10	mg/Kg	1	8/28/2005
T/R Hydrocarbons: C13-C15	ND	10	mg/Kg	1	8/28/2005
T/R Hydrocarbons: C16-C22	100	10	mg/Kg	1	8/28/2005
T/R Hydrocarbons: C23-C32	500	10	mg/Kg	1	8/28/2005
T/R Hydrocarbons:>C32	360	10	mg/Kg	1	8/28/2005

GASOLINE RANGE ORGANICS BY GC/FID

RunID:	(EPA 8015B(M))				
	GC2_050824A	QC Batch:	E05VS212	PrepDate:	8/24/2005
GR0	ND	1.2	mg/Kg	1	8/24/2005

PCB BY GC/ECD

RunID:	(EPA 3550B)			EPA 8082		
	GC4_050825A	QC Batch:	24015	PrepDate:	8/25/2005	Analyst: CPC
Aroclor 1018	ND	16	µg/Kg	1	8/28/2005	

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 DO - Surrogate Diluted Out H - Samples exceeding holding time

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Results are wet unless otherwise specified



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3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Nizyo & Moore
 Lab Order: 078325
 Project: Bloomfield II, 205372001
 Lab ID: 078325-004

Client Sample ID: SP-4
 Collection Date: 8/24/2005 9:40:00 AM
 Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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PCB BY GC/ECD

(EPA 3850B)

EPA 8082

RunID:	GC4_050825A	QC Batch:	24015	PrepDate:	8/25/2005	Analyst:	CPC
Aroclor 1221	ND		33	µg/Kg	1		8/28/2005
Aroclor 1232	ND		18	µg/Kg	1		8/28/2005
Aroclor 1242	ND		18	µg/Kg	1		8/28/2005
Aroclor 1248	ND		16	µg/Kg	1		8/28/2005
Aroclor 1254	36		16	µg/Kg	1		8/28/2005
Aroclor 1260	21		16	µg/Kg	1		8/28/2005
Aroclor 1262	ND		16	µg/Kg	1		8/28/2005
Aroclor 1268	ND		16	µg/Kg	1		8/28/2005

MERCURY BY COLD VAPOR TECHNIQUE

(EPA 7471)

EPA 7471A

RunID:	AA1_050825C	QC Batch:	24012	PrepDate:	8/25/2005	Analyst:	JT
Mercury	ND		0.10	mg/Kg	1		8/25/2005

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_050824A	QC Batch:	P05VS138	PrepDate:	8/24/2005	Analyst:	MFR
1,1,1,2-Tetrachloroethane	ND		6.2	µg/Kg	1		8/24/2005
1,1,1-Trichloroethane	ND		6.2	µg/Kg	1		8/24/2005
1,1,2,2-Tetrachloroethane	ND		6.2	µg/Kg	1		8/24/2005
1,1,2-Trichloroethane	ND		6.2	µg/Kg	1		8/24/2005
1,1-Dichloroethane	ND		6.2	µg/Kg	1		8/24/2005
1,1-Dichloroethene	ND		6.2	µg/Kg	1		8/24/2005
1,1-Dichloropropene	ND		6.2	µg/Kg	1		8/24/2005
1,2,3-Trichlorobenzene	ND		6.2	µg/Kg	1		8/24/2005
1,2,3-Trichloropropane	ND		6.2	µg/Kg	1		8/24/2005
1,2,4-Trichlorobenzene	ND		6.2	µg/Kg	1		8/24/2005
1,2,4-Trimethylbenzene	ND		6.2	µg/Kg	1		8/24/2005
1,2-Dibromo-3-chloropropane	ND		12	µg/Kg	1		8/24/2005
1,2-Dibromoethane	ND		6.2	µg/Kg	1		8/24/2005
1,2-Dichlorobenzene	ND		6.2	µg/Kg	1		8/24/2005
1,2-Dichloroethane	ND		6.2	µg/Kg	1		8/24/2005
1,2-Dichloropropane	ND		6.2	µg/Kg	1		8/24/2005
1,3,5-Trimethylbenzene	ND		6.2	µg/Kg	1		8/24/2005
1,3-Dichlorobenzene	ND		6.2	µg/Kg	1		8/24/2005

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 DO - Surrogate Diluted Out

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Samples exceeding holding time

Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Ninyo & Moore
 Lab Order: 078325
 Project: Bloomfield II, 205372001
 Lab ID: 078325-004

Client Sample ID: SP-4
 Collection Date: 8/24/2005 9:40:00 AM
 Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_050824A	QC Batch:	P05VS138	PrepDate:	8/24/2005	Analyst:	MFR
1,3-Dichloropropane	ND	6.2	µg/Kg	1	8/24/2005		
1,4-Dichlorobenzene	ND	6.2	µg/Kg	1	8/24/2005		
2,2-Dichloropropane	ND	6.2	µg/Kg	1	8/24/2005		
2-Chlorotoluene	ND	6.2	µg/Kg	1	8/24/2005		
4-Chlorotoluene	ND	6.2	µg/Kg	1	8/24/2005		
4-Isopropyltoluene	ND	6.2	µg/Kg	1	8/24/2005		
Benzene	ND	6.2	µg/Kg	1	8/24/2005		
Bromobenzene	ND	6.2	µg/Kg	1	8/24/2005		
Bromodichloromethane	ND	6.2	µg/Kg	1	8/24/2005		
Bromoform	ND	6.2	µg/Kg	1	8/24/2005		
Bromomethane	ND	6.2	µg/Kg	1	8/24/2005		
Carbon tetrachloride	ND	6.2	µg/Kg	1	8/24/2005		
Chlorobenzene	ND	6.2	µg/Kg	1	8/24/2005		
Chloroethane	ND	6.2	µg/Kg	1	8/24/2005		
Chloroform	ND	6.2	µg/Kg	1	8/24/2005		
Chloromethane	ND	6.2	µg/Kg	1	8/24/2005		
cis-1,2-Dichloroethene	ND	6.2	µg/Kg	1	8/24/2005		
cis-1,3-Dichloropropane	ND	6.2	µg/Kg	1	8/24/2005		
Di-Isopropyl ether	ND	6.2	µg/Kg	1	8/24/2005		
Dibromochloromethane	ND	6.2	µg/Kg	1	8/24/2005		
Dibromomethane	ND	6.2	µg/Kg	1	8/24/2005		
Dichlorodifluoromethane	ND	6.2	µg/Kg	1	8/24/2005		
Ethyl Tert-butyl ether	ND	6.2	µg/Kg	1	8/24/2005		
Ethylbenzene	ND	6.2	µg/Kg	1	8/24/2005		
Hexachlorobutadiene	ND	6.2	µg/Kg	1	8/24/2005		
Isopropylbenzene	ND	6.2	µg/Kg	1	8/24/2005		
m,p-Xylene	ND	12	µg/Kg	1	8/24/2005		
Methylene chloride	ND	6.2	µg/Kg	1	8/24/2005		
MTBE	ND	6.2	µg/Kg	1	8/24/2005		
n-Butylbenzene	ND	6.2	µg/Kg	1	8/24/2005		
n-Propylbenzene	ND	6.2	µg/Kg	1	8/24/2005		
Naphthalene	ND	6.2	µg/Kg	1	8/24/2005		
o-Xylene	ND	6.2	µg/Kg	1	8/24/2005		
sec-Butylbenzene	ND	6.2	µg/Kg	1	8/24/2005		
Styrene	ND	6.2	µg/Kg	1	8/24/2005		
Tert-amyl methyl ether	ND	6.2	µg/Kg	1	8/24/2005		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 DO - Surrogate Diluted Out

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Samples exceeding holding time

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Results are wet unless otherwise specified



Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Ninyo & Moore
Lab Order: 078325
Project: Bloomfield II, 205372001
Lab ID: 078325-004

Client Sample ID: SP-4
Collection Date: 8/24/2005 9:40:00 AM
Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_050824A	QC Batch:	P05VS138	PrepDate:	8/24/2005	Analyst:	MFR
Tert-Butanol	ND		120	µg/Kg	1		8/24/2005
tert-Butylbenzene	ND		6.2	µg/Kg	1		8/24/2005
Tetrachloroethene	ND		6.2	µg/Kg	1		8/24/2005
Toluene	ND		6.2	µg/Kg	1		8/24/2005
trans-1,2-Dichloroethene	ND		6.2	µg/Kg	1		8/24/2005
Trichloroethene	ND		6.2	µg/Kg	1		8/24/2005
Trichlorofluoromethane	ND		6.2	µg/Kg	1		8/24/2005
Vinyl chloride	ND		6.2	µg/Kg	1		8/24/2005

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

(EPA 3550B)

EPA 8270C

RunID:	MS7_050826A	QC Batch:	24016	PrepDate:	8/25/2005	Analyst:	MFR
1,2,4-Trichlorobenzene	ND		990	µg/Kg	1		8/26/2005
1,2-Dichlorobenzene	ND		990	µg/Kg	1		8/26/2005
1,3-Dichlorobenzene	ND		990	µg/Kg	1		8/26/2005
1,4-Dichlorobenzene	ND		990	µg/Kg	1		8/26/2005
2,4,5-Trichlorophenol	ND		990	µg/Kg	1		8/26/2005
2,4,6-Trichlorophenol	ND		990	µg/Kg	1		8/26/2005
2,4-Dichlorophenol	ND		5000	µg/Kg	1		8/26/2005
2,4-Dimethylphenol	ND		990	µg/Kg	1		8/26/2005
2,4-Dinitrophenol	ND		5000	µg/Kg	1		8/26/2005
2,4-Dinitrotoluene	ND		990	µg/Kg	1		8/26/2005
2,6-Dinitrotoluene	ND		990	µg/Kg	1		8/26/2005
2-Chloronaphthalene	ND		990	µg/Kg	1		8/26/2005
2-Chlorophenol	ND		990	µg/Kg	1		8/26/2005
2-Methylnaphthalene	ND		990	µg/Kg	1		8/26/2005
2-Methylphenol	ND		990	µg/Kg	1		8/26/2005
2-Nitroaniline	ND		5000	µg/Kg	1		8/26/2005
2-Nitrophenol	ND		990	µg/Kg	1		8/26/2005
3,3'-Dichlorobenzidine	ND		2000	µg/Kg	1		8/26/2005
3-Nitroaniline	ND		5000	µg/Kg	1		8/26/2005
4,6-Dinitro-2-methylphenol	ND		5000	µg/Kg	1		8/26/2005
4-Bromophenyl-phenylether	ND		990	µg/Kg	1		8/26/2005
4-Chloro-3-methylphenol	ND		2000	µg/Kg	1		8/26/2005
4-Chloroaniline	ND		2000	µg/Kg	1		8/26/2005
4-Chlorophenyl-phenylether	ND		990	µg/Kg	1		8/26/2005

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

DO - Surrogate Diluted Out

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H-Samples exceeding holding time

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Results are wet unless otherwise specified



Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Ninyo & Moore

Client Sample ID: SP-4

Lab Order: 078325

Project: Bloomfield II, 205372001

Collection Date: 8/24/2005 9:40:00 AM

Lab ID: 078325-004

Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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**SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS
(EPA 3550B)**

EPA 8270C

RunID: MS7_050828A	QC Batch: 24016	PrepDate: 8/25/2005	Analyst: MFR		
4-Methylphenol	ND	990	µg/Kg	1	8/28/2005
4-Nitroaniline	ND	5000	µg/Kg	1	8/28/2005
4-Nitrophenol	ND	5000	µg/Kg	1	8/28/2005
Acenaphthene	ND	990	µg/Kg	1	8/28/2005
Acenaphthylene	ND	990	µg/Kg	1	8/28/2005
Anthracene	ND	990	µg/Kg	1	8/28/2005
Benzidine (M)	ND	5000	µg/Kg	1	8/28/2005
Benzo(a)anthracene	ND	990	µg/Kg	1	8/28/2005
Benzo(a)pyrene	ND	990	µg/Kg	1	8/28/2005
Benzo(b)fluoranthene	ND	990	µg/Kg	1	8/28/2005
Benzo(g,h,i)perylene	ND	990	µg/Kg	1	8/28/2005
Benzo(k)fluoranthene	ND	990	µg/Kg	1	8/28/2005
Benzoic acid	ND	5000	µg/Kg	1	8/28/2005
Benzyl alcohol	ND	2000	µg/Kg	1	8/28/2005
Bis(2-chloroethoxy)methane	ND	990	µg/Kg	1	8/28/2005
Bis(2-chloroethyl)ether	ND	990	µg/Kg	1	8/28/2005
Bis(2-chloroisopropyl)ether	ND	990	µg/Kg	1	8/28/2005
Bis(2-ethylhexyl)phthalate	ND	990	µg/Kg	1	8/28/2005
Butylbenzylphthalate	ND	990	µg/Kg	1	8/28/2005
Chrysene	ND	990	µg/Kg	1	8/28/2005
Di-n-butylphthalate	ND	990	µg/Kg	1	8/28/2005
Di-n-octylphthalate	ND	990	µg/Kg	1	8/28/2005
Dibenz(a,h)anthracene	ND	990	µg/Kg	1	8/28/2005
Dibenzofuran	ND	990	µg/Kg	1	8/28/2005
Diethylphthalate	ND	990	µg/Kg	1	8/28/2005
Dimethylphthalate	ND	990	µg/Kg	1	8/28/2005
Fluoranthene	ND	990	µg/Kg	1	8/28/2005
Fluorene	ND	990	µg/Kg	1	8/28/2005
Hexachlorobenzene	ND	990	µg/Kg	1	8/28/2005
Hexachlorobutadiene	ND	2000	µg/Kg	1	8/28/2005
Hexachlorocyclopentadiene	ND	2000	µg/Kg	1	8/28/2005
Hexachloroethane	ND	990	µg/Kg	1	8/28/2005
Indeno(1,2,3-cd)pyrene	ND	990	µg/Kg	1	8/28/2005
Isophorone	ND	990	µg/Kg	1	8/28/2005
N-Nitrosodi-n-propylamine	ND	990	µg/Kg	1	8/28/2005
N-Nitrosodiphenylamine	ND	990	µg/Kg	1	8/28/2005

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantization limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantization range
 DO - Surrogate Diluted Out H-Sampler exceeding holding time

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Results are wet unless otherwise specified



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Date: 30-Aug-05

CLIENT: Ninyo & Moore
 Lab Order: 078325
 Project: Bloomfield II, 205372001
 Lab ID: 078325-004

Client Sample ID: SP-4
 Collection Date: 8/24/2005 9:40:00 AM
 Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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SÉMIVOLATILE ORGANIC COMPOUNDS BY GC/MS
 (EPA 3550B)

EPA 8270C

RunID:	MS7_050826A	QC Batch:	24016	PrepDate:	8/25/2005	Analyst:	MFR
Naphthalene	ND	990	µg/Kg	1	8/28/2005		
Nitrobenzene	ND	990	µg/Kg	1	8/28/2005		
Pentachlorophenol	ND	5000	µg/Kg	1	8/28/2005		
Phenanthrene	ND	990	µg/Kg	1	8/28/2005		
Phenol	ND	990	µg/Kg	1	8/28/2005		
Pyrene	ND	990	µg/Kg	1	8/28/2005		

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

DO - Surrogate Diluted Out

H-Samples exceeding holding time

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Results are wet unless otherwise specified



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Date: 30-Aug-05

CLIENT: Ninyo & Moore
 Lab Order: 078325
 Project: Bloomfield II, 205372001
 Lab ID: 078325-005

Client Sample ID: SP-5
 Collection Date: 8/24/2005 10:00:00 AM
 Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

(EPA 3050B)

EPA 8010B

RunID:	ICP6_050825F	QC Batch:	24013	PrepDate:	8/25/2005	Analyst:	RQ
Antimony	ND		2.0	mg/Kg	1		8/25/2005
Arsenic	3.7		1.0	mg/Kg	1		8/25/2005
Barium	140		1.0	mg/Kg	1		8/25/2005
Beryllium	ND		1.0	mg/Kg	1		8/25/2005
Cadmium	ND		1.0	mg/Kg	1		8/25/2005
Chromium	23		1.0	mg/Kg	1		8/25/2005
Cobalt	11		1.0	mg/Kg	1		8/25/2005
Copper	26		2.0	mg/Kg	1		8/25/2005
Lead	23		1.0	mg/Kg	1		8/25/2005
Molybdenum	ND		1.0	mg/Kg	1		8/25/2005
Nickel	18		1.0	mg/Kg	1		8/25/2005
Selenium	ND		1.0	mg/Kg	1		8/25/2005
Silver	ND		1.0	mg/Kg	1		8/25/2005
Thallium	ND		1.0	mg/Kg	1		8/25/2005
Vanadium	40		1.0	mg/Kg	1		8/25/2005
Zinc	85		1.0	mg/Kg	1		8/25/2005

HYDROCARBON CHAIN IDENTIFICATION

(LUFT)

EPA 8015B(M)

RunID:	GC8_050828A	QC Batch:	24014	PrepDate:	8/25/2005	Analyst:	EES
T/R Hydrocarbons: C10-C12	ND		10	mg/Kg	1		8/26/2005
T/R Hydrocarbons: C13-C15	ND		10	mg/Kg	1		8/28/2005
T/R Hydrocarbons: C16-C22	110		10	mg/Kg	1		8/28/2005
T/R Hydrocarbons: C23-C32	230		10	mg/Kg	1		8/28/2005
T/R Hydrocarbons:>C32	280		10	mg/Kg	1		8/28/2005

GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID:	GC2_050825A	QC Batch:	E05VS213	PrepDate:	8/24/2005	Analyst:	TT
GRO	ND		1.0	mg/Kg	1		8/25/2005

PCB BY GC/ECD

(EPA 3550B)

EPA 8082

RunID:	GC4_050825A	QC Batch:	24015	PrepDate:	8/25/2005	Analyst:	CPC
Aroclor 1016	ND		16	µg/Kg	1		8/28/2005

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 DO - Surrogate Diluted Out H - Samples exceeding holding time

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Results are wet unless otherwise specified



Advanced Technology
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3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Ninyo & Moore
 Lab Order: 078325
 Project: Bloomfield II, 205372001
 Lab ID: 078325-005

Client Sample ID: SP-5
 Collection Date: 8/24/2005 10:00:00 AM
 Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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PCB BY GC/ECD

(EPA 3550B)

EPA 8082

RunID:	GC Batch:	24015	PrepDate:	8/25/2005	Analyst:	CPC
Aroclor 1221	ND	33	µg/Kg	1	8/26/2005	
Aroclor 1232	ND	16	µg/Kg	1	8/26/2005	
Aroclor 1242	ND	16	µg/Kg	1	8/26/2005	
Aroclor 1248	ND	16	µg/Kg	1	8/26/2005	
Aroclor 1254	23	16	µg/Kg	1	8/26/2005	
Aroclor 1260	19	16	µg/Kg	1	8/26/2005	
Aroclor 1262	ND	16	µg/Kg	1	8/26/2005	
Aroclor 1268	ND	16	µg/Kg	1	8/26/2005	

MERCURY BY COLD VAPOR TECHNIQUE

(EPA 7471)

EPA 7471A

RunID:	GC Batch:	24012	PrepDate:	8/25/2005	Analyst:	JT
Mercury	ND	0.10	mg/Kg	1	8/25/2005	

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	GC Batch:	P05VS138	PrepDate:	8/24/2005	Analyst:	MFR
1,1,1,2-Tetrachloroethane	ND	5.5	µg/Kg	1	8/24/2005	
1,1,1-Trichloroethane	ND	5.5	µg/Kg	1	8/24/2005	
1,1,2,2-Tetrachloroethane	ND	5.5	µg/Kg	1	8/24/2005	
1,1,2-Trichloroethane	ND	5.5	µg/Kg	1	8/24/2005	
1,1-Dichloroethane	ND	5.5	µg/Kg	1	8/24/2005	
1,1-Dichloroethene	ND	5.5	µg/Kg	1	8/24/2005	
1,1-Dichloropropene	ND	5.5	µg/Kg	1	8/24/2005	
1,2,3-Trichlorobenzene	ND	5.5	µg/Kg	1	8/24/2005	
1,2,3-Trichloropropane	ND	5.5	µg/Kg	1	8/24/2005	
1,2,4-Trichlorobenzene	ND	5.5	µg/Kg	1	8/24/2005	
1,2,4-Trimethylbenzene	ND	5.5	µg/Kg	1	8/24/2005	
1,2-Dibromo-3-chloropropane	ND	11	µg/Kg	1	8/24/2005	
1,2-Dibromoethane	ND	5.5	µg/Kg	1	8/24/2005	
1,2-Dichlorobenzene	ND	5.5	µg/Kg	1	8/24/2005	
1,2-Dichloroethane	ND	5.5	µg/Kg	1	8/24/2005	
1,2-Dichloropropane	ND	5.5	µg/Kg	1	8/24/2005	
1,3,5-Trimethylbenzene	ND	5.5	µg/Kg	1	8/24/2005	
1,3-Dichlorobenzene	ND	5.5	µg/Kg	1	8/24/2005	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 DG - Surrogate Diluted Out

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Samples exceeding holding time

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Results are wet unless otherwise specified



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Date: 30-Aug-05

CLIENT: Ninyo & Moore
 Lab Order: 078325
 Project: Bloomfield II, 205372001
 Lab ID: 078325-005

Client Sample ID: SP-5
 Collection Date: 8/24/2005 10:00:00 AM
 Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_050824A	QC Batch:	P05VS138	PrepDate:	8/24/2005	Analyst:	MFR
1,3-Dichloropropane	ND	5.5	µg/Kg	1	8/24/2005		
1,4-Dichlorobenzene	ND	5.5	µg/Kg	1	8/24/2005		
2,2-Dichloropropane	ND	5.5	µg/Kg	1	8/24/2005		
2-Chlorotoluene	ND	5.5	µg/Kg	1	8/24/2005		
4-Chlorotoluene	ND	5.5	µg/Kg	1	8/24/2005		
4-Isopropyltoluene	ND	5.5	µg/Kg	1	8/24/2005		
Benzene	ND	5.5	µg/Kg	1	8/24/2005		
Bromobenzene	ND	5.5	µg/Kg	1	8/24/2005		
Bromodichloromethane	ND	5.5	µg/Kg	1	8/24/2005		
Bromoform	ND	5.5	µg/Kg	1	8/24/2005		
Bromomethane	ND	5.5	µg/Kg	1	8/24/2005		
Carbon tetrachloride	ND	5.5	µg/Kg	1	8/24/2005		
Chlorobenzene	ND	5.5	µg/Kg	1	8/24/2005		
Chloroethane	ND	5.5	µg/Kg	1	8/24/2005		
Chloroform	ND	5.5	µg/Kg	1	8/24/2005		
Chloromethane	ND	5.5	µg/Kg	1	8/24/2005		
cis-1,2-Dichloroethene	ND	5.5	µg/Kg	1	8/24/2005		
cis-1,3-Dichloropropene	ND	5.5	µg/Kg	1	8/24/2005		
D-Isopropyl ether	ND	5.5	µg/Kg	1	8/24/2005		
Dibromochloromethane	ND	5.5	µg/Kg	1	8/24/2005		
Dibromomethane	ND	5.5	µg/Kg	1	8/24/2005		
Dichlorodifluoromethane	ND	5.5	µg/Kg	1	8/24/2005		
Ethyl Tert-butyl ether	ND	5.5	µg/Kg	1	8/24/2005		
Ethylbenzene	ND	5.5	µg/Kg	1	8/24/2005		
Hexachlorobutadiene	ND	5.5	µg/Kg	1	8/24/2005		
Isopropylbenzene	ND	5.5	µg/Kg	1	8/24/2005		
m,p-Xylene	ND	11	µg/Kg	1	8/24/2005		
Methylene chloride	ND	5.5	µg/Kg	1	8/24/2005		
MTBE	ND	5.5	µg/Kg	1	8/24/2005		
n-Butylbenzene	ND	5.5	µg/Kg	1	8/24/2005		
n-Propylbenzene	ND	5.5	µg/Kg	1	8/24/2005		
Naphthalene	ND	5.5	µg/Kg	1	8/24/2005		
o-Xylene	ND	5.5	µg/Kg	1	8/24/2005		
sec-Butylbenzene	ND	5.5	µg/Kg	1	8/24/2005		
Styrene	ND	5.5	µg/Kg	1	8/24/2005		
Tert-amyl methyl ether	ND	5.5	µg/Kg	1	8/24/2005		

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 DO - Surrogate Diluted Out H - Samples exceeding holding time

Results are wet unless otherwise specified

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3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Ninyo & Moore
Lab Order: 078325
Project: Bloomfield II, 205372001
Lab ID: 078325-005

Client Sample ID: SP-5
Collection Date: 8/24/2005 10:00:00 AM
Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_050824A	QC Batch:	P05VS138	PrepDate:	8/24/2005	Analyst:	MFR
Tert-Butanol	ND	110	µg/Kg	1	8/24/2005		
tert-Butylbenzene	ND	5.5	µg/Kg	1	8/24/2005		
Tetrachloroethene	ND	5.5	µg/Kg	1	8/24/2005		
Toluene	ND	5.5	µg/Kg	1	8/24/2005		
trans-1,2-Dichloroethene	ND	5.5	µg/Kg	1	8/24/2005		
Trichloroethene	ND	5.5	µg/Kg	1	8/24/2005		
Trichlorofluoromethane	ND	5.5	µg/Kg	1	8/24/2005		
Vinyl chloride	ND	5.5	µg/Kg	1	8/24/2005		

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

(EPA 8260B)

EPA 8270C

RunID:	MS7_050825B	QC Batch:	24018	PrepDate:	8/25/2005	Analyst:	MFR
1,2,4-Trichlorobenzene	ND	990	µg/Kg	1	8/28/2005		
1,2-Dichlorobenzene	ND	990	µg/Kg	1	8/28/2005		
1,3-Dichlorobenzene	ND	990	µg/Kg	1	8/28/2005		
1,4-Dichlorobenzene	ND	990	µg/Kg	1	8/28/2005		
2,4,5-Trichlorophenol	ND	990	µg/Kg	1	8/28/2005		
2,4,6-Trichlorophenol	ND	990	µg/Kg	1	8/28/2005		
2,4-Dichlorophenol	ND	5000	µg/Kg	1	8/28/2005		
2,4-Dimethylphenol	ND	990	µg/Kg	1	8/28/2005		
2,4-Dinitrophenol	ND	5000	µg/Kg	1	8/28/2005		
2,4-Dinitrotoluene	ND	990	µg/Kg	1	8/28/2005		
2,6-Dinitrotoluene	ND	990	µg/Kg	1	8/28/2005		
2-Chloronaphthalene	ND	990	µg/Kg	1	8/28/2005		
2-Chlorophenol	ND	990	µg/Kg	1	8/28/2005		
2-Methylnaphthalene	ND	990	µg/Kg	1	8/28/2005		
2-Methylphenol	ND	990	µg/Kg	1	8/28/2005		
2-Nitroaniline	ND	5000	µg/Kg	1	8/28/2005		
2-Nitrophenol	ND	990	µg/Kg	1	8/28/2005		
3,3'-Dichlorobenzidine	ND	2000	µg/Kg	1	8/28/2005		
3-Nitroaniline	ND	5000	µg/Kg	1	8/28/2005		
4,6-Dinitro-2-methylphenol	ND	5000	µg/Kg	1	8/28/2005		
4-Bromophenyl-phenylether	ND	990	µg/Kg	1	8/28/2005		
4-Chloro-3-methylphenol	ND	2000	µg/Kg	1	8/28/2005		
4-Chloroaniline	ND	2000	µg/Kg	1	8/28/2005		
4-Chlorophenyl-phenylether	ND	990	µg/Kg	1	8/28/2005		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 DO - Surrogate Diluted Out

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Samples exceeding holding time

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Results are wet unless otherwise specified



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3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Ninyo & Moore
 Lab Order: 078325
 Project: Bloomfield II, 205372001
 Lab ID: 078325-005

Client Sample ID: SP-5
 Collection Date: 8/24/2005 10:00:00 AM
 Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 3550B)

EPA 8270C

RunID:	MS7_050825B	QC Batch:	24016	PrepDate:	8/25/2005	Analyst:	MFR
4-Methylphenol	ND	990	µg/Kg	1	8/28/2005		
4-Nitroaniline	ND	5000	µg/Kg	1	8/26/2005		
4-Nitrophenol	ND	5000	µg/Kg	1	8/28/2005		
Aceonaphthene	ND	990	µg/Kg	1	8/26/2005		
Aceonaphthylene	ND	990	µg/Kg	1	8/26/2005		
Anthracene	ND	990	µg/Kg	1	8/28/2005		
Benzdine (M)	ND	5000	µg/Kg	1	8/28/2005		
Benzo(a)anthracene	ND	990	µg/Kg	1	8/26/2005		
Benzo(a)pyrene	ND	990	µg/Kg	1	8/26/2005		
Benzo(b)fluoranthene	ND	990	µg/Kg	1	8/28/2005		
Benzo(g,h,i)perylene	ND	990	µg/Kg	1	8/26/2005		
Benzo(k)fluoranthene	ND	990	µg/Kg	1	8/28/2005		
Benzoic acid	ND	5000	µg/Kg	1	8/26/2005		
Benzyl alcohol	ND	2000	µg/Kg	1	8/28/2005		
Bis(2-chloroethoxy)methane	ND	990	µg/Kg	1	8/28/2005		
Bis(2-chloroethyl)ether	ND	990	µg/Kg	1	8/26/2005		
Bis(2-chloroisopropyl)ether	ND	990	µg/Kg	1	8/28/2005		
Bis(2-ethylhexyl)phthalate	ND	990	µg/Kg	1	8/28/2005		
Butylbenzylphthalate	ND	990	µg/Kg	1	8/28/2005		
Chrysene	ND	990	µg/Kg	1	8/28/2005		
Di-n-butylphthalate	ND	990	µg/Kg	1	8/28/2005		
Di-n-octylphthalate	ND	990	µg/Kg	1	8/26/2005		
Dibenz(a,h)anthracene	ND	990	µg/Kg	1	8/28/2005		
Dibenzofuran	ND	990	µg/Kg	1	8/28/2005		
Diethylphthalate	ND	990	µg/Kg	1	8/26/2005		
Dimethylphthalate	ND	990	µg/Kg	1	8/28/2005		
Fluoranthene	ND	990	µg/Kg	1	8/28/2005		
Fluorene	ND	990	µg/Kg	1	8/26/2005		
Hexachlorobenzene	ND	990	µg/Kg	1	8/28/2005		
Hexachlorobutadiene	ND	2000	µg/Kg	1	8/28/2005		
Hexachlorocyclopentadiene	ND	2000	µg/Kg	1	8/26/2005		
Hexachloroethane	ND	990	µg/Kg	1	8/28/2005		
Indeno(1,2,3-cd)pyrene	ND	990	µg/Kg	1	8/28/2005		
Isophorone	ND	990	µg/Kg	1	8/28/2005		
N-Nitrosodi-n-propylamine	ND	990	µg/Kg	1	8/26/2005		
N-Nitrosodiphenylamine	ND	990	µg/Kg	1	8/26/2005		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 DO - Surrogate Diluted Out

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Samples exceeding holding time

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Results are wet unless otherwise specified



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3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Ninyo & Moore

Client Sample ID: SP-5

Lab Order: 078325

Project: Bloomfield II, 205372001

Collection Date: 8/24/2005 10:00:00 AM

Lab ID: 078325-005

Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

(EPA 3550B)

EPA 8270C

RunID: MS7_050825B

QC Batch: 24016

PrepDate: 8/25/2005 Analyst: MFR

Naphthalene	ND	990		µg/Kg	1	8/26/2005
Nitrobenzene	ND	990		µg/Kg	1	8/26/2005
Pentachlorophenol	ND	5000		µg/Kg	1	8/26/2005
Phenanthrene	ND	990		µg/Kg	1	8/26/2005
Phenol	ND	990		µg/Kg	1	8/26/2005
Pyrene	ND	990		µg/Kg	1	8/26/2005

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

DO - Surrogate Diluted Out

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Samples exceeding holding time

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Results are wet unless otherwise specified

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3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Ninyo & Moore

Client Sample ID: SP-6

Lab Order: 078325

Project: Bloomfield II, 205372001

Collection Date: 8/24/2005 10:20:00 AM

Lab ID: 078325-006

Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

RunID:	(EPA 3050B)		EPA 6010B			
	QC Batch:	24013	PrepDate:	8/25/2005	Analyst:	RQ
Antimony	ND	2.0	mg/Kg	1		8/25/2005
Arsenic	3.2	1.0	mg/Kg	1		8/25/2005
Barium	130	1.0	mg/Kg	1		8/25/2005
Beryllium	ND	1.0	mg/Kg	1		8/25/2005
Cadmium	ND	1.0	mg/Kg	1		8/25/2005
Chromium	21	1.0	mg/Kg	1		8/25/2005
Cobalt	12	1.0	mg/Kg	1		8/25/2005
Copper	26	2.0	mg/Kg	1		8/25/2005
Lead	24	1.0	mg/Kg	1		8/25/2005
Molybdenum	ND	1.0	mg/Kg	1		8/25/2005
Nickel	16	1.0	mg/Kg	1		8/25/2005
Selenium	ND	1.0	mg/Kg	1		8/25/2005
Silver	ND	1.0	mg/Kg	1		8/25/2005
Thallium	ND	1.0	mg/Kg	1		8/25/2005
Vanadium	35	1.0	mg/Kg	1		8/25/2005
Zinc	76	1.0	mg/Kg	1		8/25/2005

HYDROCARBON CHAIN IDENTIFICATION

RunID:	(LUFT)		EPA 8015B(M)			
	QC Batch:	24014	PrepDate:	8/25/2005	Analyst:	EES
T/R Hydrocarbons: C10-C12	ND	10	mg/Kg	1		8/26/2005
T/R Hydrocarbons: C13-C15	ND	10	mg/Kg	1		8/26/2005
T/R Hydrocarbons: C16-C22	72	10	mg/Kg	1		8/26/2005
T/R Hydrocarbons: C23-C32	300	10	mg/Kg	1		8/26/2005
T/R Hydrocarbons:>C32	300	10	mg/Kg	1		8/26/2005

GASOLINE RANGE ORGANICS BY GC/FID

RunID:	EPA 8015B(M)					
	QC Batch:	E05VS213	PrepDate:	8/24/2005	Analyst:	TT
GRO	ND	1.1	mg/Kg	1		8/25/2005

PCB BY GC/ECD

RunID:	(EPA 3550B)		EPA 8062			
	QC Batch:	24015	PrepDate:	8/25/2005	Analyst:	CPC
Aroclor 1016	ND	16	µg/Kg	1		8/26/2005

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

DO - Surrogate Diluted Out

H - Samples exceeding holding time

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Results are wet unless otherwise specified



Advanced Technology
Laboratories

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3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Ninyo & Moore

Client Sample ID: SP-6

Lab Order: 078325

Project: Bloomfield II, 205372001

Collection Date: 8/24/2005 10:20:00 AM

Lab ID: 078325-006

Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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PCB BY GC/ECD

(EPA 3550B)

EPA 8082

RunID:	GC4_050825A	QC Batch:	24015	PrepDate:	8/25/2005	Analyst:	CPC
Aroclor 1221	ND	33	µg/Kg	1	8/26/2005		
Aroclor 1232	ND	16	µg/Kg	1	8/28/2005		
Aroclor 1242	ND	16	µg/Kg	1	8/28/2005		
Aroclor 1248	ND	16	µg/Kg	1	8/26/2005		
Aroclor 1254	27	16	µg/Kg	1	8/28/2005		
Aroclor 1280	20	16	µg/Kg	1	8/28/2005		
Aroclor 1262	ND	16	µg/Kg	1	8/26/2005		
Aroclor 1268	ND	16	µg/Kg	1	8/26/2005		

MERCURY BY COLD VAPOR TECHNIQUE

(EPA 7471)

EPA 7471A

RunID:	AA1_050825C	QC Batch:	24012	PrepDate:	8/25/2005	Analyst:	JT
Mercury	0.22	0.10	mg/Kg	1	8/25/2005		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_050824A	QC Batch:	P05VS138	PrepDate:	8/24/2005	Analyst:	MFR
1,1,1,2-Tetrachloroethane	ND	5.9	µg/Kg	1	8/25/2005		
1,1,1-Trichloroethane	ND	5.9	µg/Kg	1	8/25/2005		
1,1,2,2-Tetrachloroethane	ND	5.9	µg/Kg	1	8/25/2005		
1,1,2-Trichloroethane	ND	5.9	µg/Kg	1	8/25/2005		
1,1-Dichloroethane	ND	5.9	µg/Kg	1	8/25/2005		
1,1-Dichloroethene	ND	5.9	µg/Kg	1	8/25/2005		
1,1-Dichloropropene	ND	5.9	µg/Kg	1	8/25/2005		
1,2,3-Trichlorobenzene	ND	5.9	µg/Kg	1	8/25/2005		
1,2,3-Trichloropropene	ND	5.9	µg/Kg	1	8/25/2005		
1,2,4-Trichlorobenzene	ND	5.9	µg/Kg	1	8/25/2005		
1,2,4-Trimethylbenzene	ND	5.9	µg/Kg	1	8/25/2005		
1,2-Dibromo-3-chloropropane	ND	12	µg/Kg	1	8/25/2005		
1,2-Dibromoethane	ND	5.9	µg/Kg	1	8/25/2005		
1,2-Dichlorobenzene	ND	5.9	µg/Kg	1	8/25/2005		
1,2-Dichloroethane	ND	5.9	µg/Kg	1	8/25/2005		
1,2-Dichloropropene	ND	5.9	µg/Kg	1	8/25/2005		
1,3,5-Trimethylbenzene	ND	5.9	µg/Kg	1	8/25/2005		
1,3-Dichlorobenzene	ND	5.9	µg/Kg	1	8/25/2005		

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantization range
 DO - Surrogate Diluted Out H - Samples exceeding holding time

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Results are wet unless otherwise specified



Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Ninyo & Moore

Client Sample ID: SP-6

Lab Order: 078325

Project: Bloomfield II, 205372001

Collection Date: 8/24/2005 10:20:00 AM

Lab ID: 078325-006

Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_050824A	QC Batch:	P05VS138	PrepDate:	8/24/2005	Analyst:	MFR
1,3-Dichloropropene	ND	5.9	µg/Kg	1	8/25/2005		
1,4-Dichlorobenzene	ND	5.9	µg/Kg	1	8/25/2005		
2,2-Dichloropropane	ND	5.9	µg/Kg	1	8/25/2005		
2-Chlorobluene	ND	5.9	µg/Kg	1	8/25/2005		
4-Chlorotoluene	ND	5.9	µg/Kg	1	8/25/2005		
4-Isopropyltoluene	ND	5.9	µg/Kg	1	8/25/2005		
Benzene	ND	5.9	µg/Kg	1	8/25/2005		
Bromobenzene	ND	5.9	µg/Kg	1	8/25/2005		
Bromodichloromethane	6.1	5.9	µg/Kg	1	8/25/2005		
Bromofom	ND	6.8	µg/Kg	1	8/25/2005		
Bromomethane	ND	5.9	µg/Kg	1	8/25/2005		
Carbon tetrachloride	ND	5.9	µg/Kg	1	8/25/2005		
Chlorobenzene	ND	5.9	µg/Kg	1	8/25/2005		
Chloroethane	ND	5.9	µg/Kg	1	8/28/2005		
Chloroform	ND	5.9	µg/Kg	1	8/25/2005		
Chloromethane	ND	5.9	µg/Kg	1	8/25/2005		
cis-1,2-Dichloroethene	ND	5.9	µg/Kg	1	8/25/2005		
cis-1,3-Dichloropropene	ND	5.9	µg/Kg	1	8/25/2005		
Di-Isopropyl ether	ND	5.9	µg/Kg	1	8/25/2005		
Dibromochloromethane	ND	5.9	µg/Kg	1	8/25/2005		
Dibromomethane	ND	6.0	µg/Kg	1	8/25/2005		
Dichlorodifluoromethane	ND	5.9	µg/Kg	1	8/25/2005		
Ethyl Tert-butyl ether	ND	5.9	µg/Kg	1	8/25/2005		
Ethylbenzene	ND	5.9	µg/Kg	1	8/25/2005		
Hexachlorobutadiene	ND	5.9	µg/Kg	1	8/25/2005		
Isopropylbenzene	ND	5.9	µg/Kg	1	8/25/2005		
m,p-Xylene	ND	12	µg/Kg	1	8/25/2005		
Methylene chloride	ND	5.9	µg/Kg	1	8/25/2005		
MTBE	ND	5.9	µg/Kg	1	8/25/2005		
n-Butylbenzene	ND	5.9	µg/Kg	1	8/25/2005		
n-Propylbenzene	ND	5.9	µg/Kg	1	8/25/2005		
Naphthalene	ND	5.9	µg/Kg	1	8/25/2005		
o-Xylene	ND	6.9	µg/Kg	1	8/25/2005		
sec-Butylbenzene	ND	5.9	µg/Kg	1	8/25/2005		
Styrene	ND	5.9	µg/Kg	1	8/25/2005		
Tert-amyl methyl ether	ND	5.9	µg/Kg	1	8/25/2005		

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

DO - Surrogate Diluted Out

H - Samples exceeding holding time

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Results are wet unless otherwise specified



Advanced Technology
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3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Ninyo & Moore

Client Sample ID: SP-6

Lab Order: 078325

Project: Bloomfield II, 205372001

Collection Date: 8/24/2005 10:20:00 AM

Lab ID: 078325-006

Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_050824A	QC Batch:	P05VS138	PrepDate:	8/24/2005	Analyst:	MFR
Tert-Butanol	ND	120	µg/Kg	1	8/25/2005		
tert-Butylbenzene	ND	5.9	µg/Kg	1	8/25/2005		
Tetrachloroethene	ND	5.9	µg/Kg	1	8/25/2005		
Toluene	ND	5.9	µg/Kg	1	8/25/2005		
trans-1,2-Dichloroethane	ND	5.9	µg/Kg	1	8/25/2005		
Trichloroethene	ND	5.9	µg/Kg	1	8/25/2005		
Trichlorofluoromethane	ND	5.9	µg/Kg	1	8/25/2005		
Vinyl chloride	ND	5.9	µg/Kg	1	8/25/2005		

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

(EPA 3550B)

EPA 8270C

RunID:	MS7_050828A	QC Batch:	24018	PrepDate:	8/25/2005	Analyst:	MFR
1,2,4-Trichlorobenzene	ND	990	µg/Kg	1	8/28/2005		
1,2-Dichlorobenzene	ND	990	µg/Kg	1	8/28/2005		
1,3-Dichlorobenzene	ND	990	µg/Kg	1	8/28/2005		
1,4-Dichlorobenzene	ND	990	µg/Kg	1	8/28/2005		
2,4,5-Trichlorophenol	ND	990	µg/Kg	1	8/28/2005		
2,4,6-Trichlorophenol	ND	990	µg/Kg	1	8/28/2005		
2,4-Dichlorophenol	ND	5000	µg/Kg	1	8/28/2005		
2,4-Dimethylphenol	ND	990	µg/Kg	1	8/28/2005		
2,4-Dinitrophenol	ND	5000	µg/Kg	1	8/28/2005		
2,4-Dinitrotoluene	ND	990	µg/Kg	1	8/28/2005		
2,6-Dinitrotoluene	ND	990	µg/Kg	1	8/28/2005		
2-Chloronaphthalene	ND	990	µg/Kg	1	8/28/2005		
2-Chlorophenol	ND	990	µg/Kg	1	8/28/2005		
2-Methylnaphthalene	ND	990	µg/Kg	1	8/28/2005		
2-Methylphenol	ND	990	µg/Kg	1	8/28/2005		
2-Nitroaniline	ND	5000	µg/Kg	1	8/28/2005		
2-Nitrophenol	ND	990	µg/Kg	1	8/28/2005		
3,3'-Dichlorobenzidine	ND	2000	µg/Kg	1	8/28/2005		
3-Nitroaniline	ND	5000	µg/Kg	1	8/28/2005		
4,6-Dinitro-2-methylphenol	ND	5000	µg/Kg	1	8/28/2005		
4-Bromophenyl-phenylether	ND	990	µg/Kg	1	8/28/2005		
4-Chloro-3-methylphenol	ND	2000	µg/Kg	1	8/28/2005		
4-Chloroaniline	ND	2000	µg/Kg	1	8/28/2005		
4-Chlorophenyl-phenylether	ND	990	µg/Kg	1	8/28/2005		

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

DO - Surrogate Diluted Out

H - Samples exceeding holding time

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Results are wet unless otherwise specified



Advanced Technology Laboratories

Date: 3/2-Aug-05

CLIENT: Ninyo & Moore

Client Sample ID: SP-6

Lab Order: 078325

Project: Bloomfield II, 205372001

Collection Date: 8/24/2005 10:20:00 AM

Lab ID: 078325-006

Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

(EPA 3550B)

EPA 8270C

RunID:	MS7_050826A	QC Batch:	24016	PrepDate:	8/25/2005	Analyst:	MFR
4-Methylphenol	ND	990	µg/Kg	1	8/28/2005		
4-Nitroaniline	ND	5000	µg/Kg	1	8/28/2005		
4-Nitrophenol	ND	5000	µg/Kg	1	8/28/2005		
Acenaphthene	ND	990	µg/Kg	1	8/28/2005		
Acenaphthylene	ND	990	µg/Kg	1	8/28/2005		
Anthracene	ND	990	µg/Kg	1	8/28/2005		
Benzidine (M)	ND	5000	µg/Kg	1	8/28/2005		
Benzo(a)anthracene	ND	990	µg/Kg	1	8/28/2005		
Benzo(a)pyrene	ND	990	µg/Kg	1	8/28/2005		
Benzo(b)fluoranthene	ND	990	µg/Kg	1	8/28/2005		
Benzo(g,h,i)perylene	ND	990	µg/Kg	1	8/28/2005		
Benzo(k)fluoranthene	ND	990	µg/Kg	1	8/28/2005		
Benzic acid	ND	5000	µg/Kg	1	8/28/2005		
Benzyl alcohol	ND	2000	µg/Kg	1	8/28/2005		
Bis(2-chloroethoxy)methane	ND	990	µg/Kg	1	8/28/2005		
Bis(2-chloroethyl)ether	ND	990	µg/Kg	1	8/28/2005		
Bis(2-chloroisopropyl)ether	ND	990	µg/Kg	1	8/28/2005		
Bis(2-ethylhexyl)phthalate	ND	990	µg/Kg	1	8/28/2005		
Butylbenzylphthalate	ND	990	µg/Kg	1	8/28/2005		
Chrysene	ND	990	µg/Kg	1	8/28/2005		
Di-n-butylphthalate	ND	990	µg/Kg	1	8/28/2005		
Di-n-octylphthalate	ND	990	µg/Kg	1	8/28/2005		
Dibenz(e,h)anthracene	ND	990	µg/Kg	1	8/28/2005		
Dibenzofuran	ND	990	µg/Kg	1	8/28/2005		
Diothylphthalate	ND	990	µg/Kg	1	8/28/2005		
Dimethylphthalate	ND	990	µg/Kg	1	8/28/2005		
Fluoranthene	ND	990	µg/Kg	1	8/28/2005		
Fluorene	ND	990	µg/Kg	1	8/28/2005		
Hexachlorobenzene	ND	990	µg/Kg	1	8/28/2005		
Hexachlorobutadiene	ND	2000	µg/Kg	1	8/28/2005		
Hexachlorocyclopentadiene	ND	2000	µg/Kg	1	8/28/2005		
Hexachloroethane	ND	990	µg/Kg	1	8/28/2005		
Indeno(1,2,3-cd)pyrene	ND	990	µg/Kg	1	8/28/2005		
Isophorone	ND	990	µg/Kg	1	8/28/2005		
N-Nitrosodi-n-propylamine	ND	990	µg/Kg	1	8/28/2005		
N-Nitrosodiphenylamine	ND	990	µg/Kg	1	8/28/2005		

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

DO - Surrogate Diluted Out

H-Samples exceeding holding time

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Results are wet unless otherwise specified



Advanced Technology Laboratories

Date: 30-Aug-05

CLIENT: Ninyo & Moore
 Lab Order: 078325
 Project: Bloomfield II, 205372001
 Lab ID: 078325-006

Client Sample ID: SP-6
 Collection Date: 8/24/2005 10:20:00 AM
 Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS
 (EPA 3550B)

EPA 8270C

RunID: MS7_050826A	QC Batch: 24016	PrepDate: 8/25/2005	Analyst: MFR		
Naphthalene	ND	990	µg/Kg	1	8/28/2005
Nitrobenzene	ND	990	µg/Kg	1	8/28/2005
Pentachlorophenol	ND	5000	µg/Kg	1	8/28/2005
Phenanthrene	ND	990	µg/Kg	1	8/28/2005
Phenol	ND	990	µg/Kg	1	8/28/2005
Pyrene	ND	990	µg/Kg	1	8/28/2005

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 DO - Surrogate Diluted Out H-Samples exceeding holding time

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Results are wet unless otherwise specified





Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Ninyo & Moore
 Work Order: 078325
 Project: Bloomfield II, 205372001

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: MB-24013	SampType: MBLK	TestCode: 6010_S	Units: mg/Kg	Prep Date: 8/25/2005	Run ID: ICP6_050825F
Client ID: ZZZZ	Batch ID: 24013	TestNo: EPA 6010B (EPA 3050B)		Analysis Date: 8/25/2005	SeqNo: 780913

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0									
Arsenic	ND	1.0									
Barium	ND	1.0									
Beryllium	ND	1.0									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Cobalt	ND	1.0									
Copper	ND	2.0									
Lead	ND	1.0									
Molybdenum	ND	1.0									
Nickel	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									
Thallium	ND	1.0									
Vanadium	ND	1.0									
Zinc	ND	1.0									

Sample ID: LCS-24013	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 8/25/2005	Run ID: ICP6_050825F
Client ID: ZZZZ	Batch ID: 24013	TestNo: EPA 6010B (EPA 3050B)		Analysis Date: 8/25/2005	SeqNo: 780914

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	48.5	2.0	50	0	97	80	120	0	0		
Arsenic	50.19	1.0	50	0	100	80	120	0	0		
Barium	51.28	1.0	50	0	103	80	120	0	0		
Beryllium	48.5	1.0	50	0	97	80	120	0	0		
Cadmium	49.82	1.0	50	0	99.2	80	120	0	0		
Chromium	50	1.0	50	0	100	80	120	0	0		
Cobalt	49.14	1.0	50	0	98.3	80	120	0	0		
Copper	54.4	2.0	50	0	109	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits DO - Surrogate dilute out
 J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank H - Sample exceeded holding time
 R - RPD outside accepted recovery limits Calculations are based on raw values

Advanced Technology
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3275 Melihar Avenue

Signal Hill, CA 90755

Tel: 562 989-4045

Fax: 562 989-4040

CLIENT: Ninyo & Moore
 Work Order: 078325
 Project: Bloomfield II, 205372001

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: LC8-24013	SampType: LC8	TestCode: 6010_S	Units: mg/Kg	Prep Date: 8/25/2005	Run ID: ICP6_050825F						
Client ID: ZZZZ	Batch ID: 24013	TestNo: EPA 6010B (EPA 3050B)		Analysis Date: 8/25/2005	SeqNo: 780914						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	51.11	1.0	50	0	102	80	120	0	0		
Molybdenum	50.55	1.0	50	0	101	80	120	0	0		
Nickel	49.85	1.0	50	0	99.7	80	120	0	0		
Selenium	48.48	1.0	50	0	97	80	120	0	0		
Silver	55.55	1.0	50	0	111	80	120	0	0		
Thallium	50.28	1.0	50	0	101	80	120	0	0		
Vanadium	49.63	1.0	50	0	99.3	80	120	0	0		
Zinc	51.36	1.0	50	0	103	80	120	0	0		

Sample ID: 078325-001GMS	SampType: MS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 8/25/2005	Run ID: ICP6_050825F						
Client ID: SP-1	Batch ID: 24013	TestNo: EPA 6010B (EPA 3050B)		Analysis Date: 8/25/2005	SeqNo: 780932						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	69.28	2.0	125	0	55.4	23	118	0	0		
Arsenic	102.3	1.0	125	3.874	78.9	64	111	0	0		
Barium	258.7	1.0	125	142.3	93.1	36	146	0	0		
Beryllium	97.29	1.0	125	0	77.8	50	120	0	0		
Cadmium	101.6	1.0	125	0.3159	81.1	62	107	0	0		
Chromium	120.6	1.0	125	21.41	79.3	63	119	0	0		
Cobalt	109.1	1.0	125	10.98	78.5	63	111	0	0		
Copper	130.6	2.0	125	23.48	85.7	58	135	0	0		
Lead	121.7	1.0	125	17.64	83.3	47	125	0	0		
Molybdenum	97.68	1.0	125	0	78.1	63	116	0	0		
Nickel	116.7	1.0	125	17.42	79.4	57	116	0	0		
Selenium	98.24	1.0	125	0	78.6	47	118	0	0		
Silver	115.2	1.0	125	0	92.2	48	125	0	0		
Thallium	92.99	1.0	125	0	74.4	49	116	0	0		
Vanadium	139.7	1.0	125	37.26	61.9	65	122	0	0		
Zinc	164.4	1.0	125	68.68	76.8	38	140	0	0		

Qualifiers:

ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits
 B - Analyte detected in the associated Method Blank
 Calculations are based on raw values

DO - Surrogate dilute out
 H - Sample exceeded holding time



Advanced Technology
Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4145 Fax: 562 989-4040

CLIENT: Ninyo & Moore
Work Order: 078325
Project: Bloomfield II, 205372001

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: 078325-001GMSD	SampType: MSD	TestCode: 6010_S	Units: mg/Kg	Prep Date: 8/25/2005	Run ID: ICP8_050825F						
Client ID: SP-1	Batch ID: 24013	TestNo: EPA 6010B (EPA 3050B)		Analysis Date: 8/25/2005	SeqNo: 780933						
Analyte	Result	PCL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	66.43	2.0	125	0	53.1	23	118	69.26	4.19	20	
Arsenic	97.06	1.0	125	3.674	74.7	64	111	102.3	5.26	20	
Barium	245.1	1.0	125	142.3	82.2	36	146	258.7	5.42	20	
Beryllium	92.43	1.0	125	0	73.9	50	120	97.29	5.12	20	
Cadmium	96.67	1.0	125	0.3159	77.1	82	107	101.6	5.02	20	
Chromium	114.9	1.0	125	21.41	74.8	63	119	120.6	4.81	20	
Cobalt	103.9	1.0	125	10.88	74.4	83	111	109.1	4.69	20	
Copper	123.6	2.0	125	23.48	80.1	58	136	130.6	3.51	20	
Lead	111.3	1.0	125	17.64	74.9	47	125	121.7	8.97	20	
Molybdenum	93.34	1.0	125	0	74.7	83	116	97.66	4.52	20	
Nickel	110.2	1.0	125	17.42	74.2	57	116	116.7	5.72	20	
Selenium	92.66	1.0	125	0	74.1	47	116	88.24	5.83	20	
Silver	109.6	1.0	125	0	87.7	48	125	115.2	4.98	20	
Thallium	89.05	1.0	125	0	71.2	49	116	82.99	4.33	20	
Vanadium	132.4	1.0	125	37.26	78.1	65	122	139.7	5.33	20	
Zinc	154.2	1.0	125	68.66	68.4	36	140	164.4	6.43	20	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values

DO - Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology
Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 980-4040

CLIENT: Ninyo & Moore
 Work Order: 078325
 Project: Bloomfield II, 205372001

ANALYTICAL QC SUMMARY REPORT

TestCode: 7471_S

Sample ID: MB-24012	SampType: MBLK	TestCode: 7471_S	Units: mg/Kg	Prep Date: 8/25/2005	Run ID: AA1_050825C						
Client ID: ZZZZ	Batch ID: 24012	TestNo: EPA 7471A (EPA 7471)		Analysis Date: 8/25/2005	SeqNo: 780951						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10									

Sample ID: LCS-24012	SampType: LCS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 8/25/2005	Run ID: AA1_050825C						
Client ID: ZZZZ	Batch ID: 24012	TestNo: EPA 7471A (EPA 7471)		Analysis Date: 8/25/2005	SeqNo: 780950						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.859	0.10	2.08	0	89.4	80	120	0	0		

Sample ID: 078325-001GMS	SampType: MS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 8/25/2005	Run ID: AA1_050825C						
Client ID: SP-1	Batch ID: 24012	TestNo: EPA 7471A (EPA 7471)		Analysis Date: 8/25/2005	SeqNo: 780938						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.9351	0.10	0.83	0.1906	89.7	62	146	0	0		

Sample ID: 078325-001GMSD	SampType: MSD	TestCode: 7471_S	Units: mg/Kg	Prep Date: 8/25/2005	Run ID: AA1_050825C						
Client ID: SP-1	Batch ID: 24012	TestNo: EPA 7471A (EPA 7471)		Analysis Date: 8/25/2005	SeqNo: 780939						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.9141	0.10	0.83	0.1906	87.2	62	146	0.9351	2.27	30	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits
 B - Analyte detected in the associated Method Blank
 Calculations are based on raw values

DO - Surrogate dilute out
 H - Sample exceeded holding time

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Advanced Technology
Laboratories

3275 Walnut Avenue

Signal Hill, CA 90755

Tel: 562 989-4045

Fax: 562 989-4040

CLIENT: Ninyo & Moore
 Work Order: 078325
 Project: Bloomfield II, 205372001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_G 5035P

Sample ID: E082405MB1	SampType: MBLK	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	Run ID: GC2_050824A						
Client ID: ZZZZ	Batch ID: E05VS212	TestNo: EPA 8015B(M)		Analysis Date: 8/24/2005	SeqNo: 780722						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0									
Surr: Bromofluorobenzene (FID)	71.91	0	100	0	71.9	35	139	0	0		

Sample ID: E082505MB1	SampType: MBLK	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	Run ID: GC2_050825A						
Client ID: ZZZZ	Batch ID: E05VS213	TestNo: EPA 8015B(M)		Analysis Date: 8/25/2005	SeqNo: 780750						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0									
Surr: Bromofluorobenzene (FID)	72.94	0	100	0	72.9	35	139	0	0		

Sample ID: E082405LCS1	SampType: LCS	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	Run ID: GC2_050824A						
Client ID: ZZZZ	Batch ID: E05VS212	TestNo: EPA 8015B(M)		Analysis Date: 8/24/2005	SeqNo: 780728						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.45	1.0	5	0	89	79	117	0	0		
Surr: Bromofluorobenzene (FID)	87.12	0	100	0	87.1	35	139	0	0		

Sample ID: E082505LCS1	SampType: LCS	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	Run ID: GC2_050825A						
Client ID: ZZZZ	Batch ID: E05VS213	TestNo: EPA 8015B(M)		Analysis Date: 8/25/2005	SeqNo: 780758						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.832	1.0	5	0	96.6	79	117	0	0		
Surr: Bromofluorobenzene (FID)	87.34	0	100	0	87.3	35	139	0	0		

Sample ID: 078284-001AMS	SampType: MS	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	Run ID: GC2_050824A						
Client ID: ZZZZ	Batch ID: E05VS212	TestNo: EPA 8015B(M)		Analysis Date: 8/24/2005	SeqNo: 780724						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	3.934	1.0	5	0	78.7	35	134	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits
 B - Analyte detected in the associated Method Blank
 Calculations are based on raw values

DO - Surrogate dilute out
 H - Sample exceeded holding time

Page 5 of 25



Advanced Technology
Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4100

CLIENT: Ninyo & Moore
Work Order: 078325
Project: Bloomfield II, 205372001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_G 5035P

Sample ID: 078284-001AMS	SampType: NS	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	Run ID: GC2_050824A						
Client ID: ZZZZ	Batch ID: E05VS212	TestNo: EPA 8015B(M)		Analysis Date: 8/24/2005	SeqNo: 780724						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Bromofluorobenzene (FID) 85.23 0 100 0 85.2 35 139 0 0

Sample ID: 078335-005AMS	SampType: NS	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	Run ID: GC2_050825A						
Client ID: ZZZZ	Batch ID: E05VS213	TestNo: EPA 8015B(M)		Analysis Date: 8/25/2005	SeqNo: 780754						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO 3.721 1.0 5 0 74.4 35 134 0 0
Surr: Bromofluorobenzene (FID) 81.71 0 100 0 81.7 35 139 0 0

Sample ID: 078284-001AMSD	SampType: MSD	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	Run ID: GC2_050824A						
Client ID: ZZZZ	Batch ID: E05VS212	TestNo: EPA 8015B(M)		Analysis Date: 8/24/2005	SeqNo: 780725						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO 3.863 1.0 5 0 77.3 35 134 3.934 1.82 30
Surr: Bromofluorobenzene (FID) 81.62 0 100 0 81.6 35 139 0 0 30

Sample ID: 078335-005AMSD	SampType: MSD	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	Run ID: GC2_050825A						
Client ID: ZZZZ	Batch ID: E05VS213	TestNo: EPA 8015B(M)		Analysis Date: 8/25/2005	SeqNo: 780755						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO 4.001 1.0 5 0 80 35 134 3.721 7.25 30
Surr: Bromofluorobenzene (FID) 80.98 0 100 0 81 35 139 0 0 30

Qualifiers: ND - Not Detected at the Reporting Limit
I - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values

DO - Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology
Laboratories

3275 Walnut Avenue

Signal Hill, CA 90755

Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Ninyo & Moore
 Work Order: 078325
 Project: Bloomfield II, 205372001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

Sample ID: MB-24015	SampType: MBLK	TestCode: 8082_S	Units: µg/Kg	Prep Date: 8/25/2005	Run ID: GC4_050825A						
Client ID: ZZZZ	Batch ID: 24015	TestNo: EPA 8082	(EPA 3550B)	Analysis Date: 8/26/2005	SeqNo: 781383						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16									
Aroclor 1221	ND	33									
Aroclor 1232	ND	16									
Aroclor 1242	ND	16									
Aroclor 1248	ND	16									
Aroclor 1254	ND	16									
Aroclor 1260	ND	16									
Aroclor 1262	ND	16									
Aroclor 1268	ND	16									
Surr: Decachlorobiphenyl	15.69	0	16.65	0	94.3	53	130	0	0		
Surr: Tetrachloro-m-xylene	16.49	0	16.65	0	99	61	135	0	0		

Sample ID: LCS-24015	SampType: LCS	TestCode: 8082_S	Units: µg/Kg	Prep Date: 8/25/2005	Run ID: GC4_050825A						
Client ID: ZZZZ	Batch ID: 24015	TestNo: EPA 8082	(EPA 3550B)	Analysis Date: 8/26/2005	SeqNo: 781384						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	154.8	16	166.6	0	92.9	67	120	0	0		
Aroclor 1260	156.5	16	166.6	0	93.9	76	127	0	0		
Surr: Decachlorobiphenyl	15.82	0	16.65	0	95.6	53	130	0	0		
Surr: Tetrachloro-m-xylene	17.91	0	16.65	0	106	61	135	0	0		

Sample ID: 078325-001GMSA	SampType: MS	TestCode: 8082_S	Units: µg/Kg	Prep Date: 8/25/2005	Run ID: GC4_050825A						
Client ID: SP-1	Batch ID: 24015	TestNo: EPA 8082	(EPA 3550B)	Analysis Date: 8/26/2005	SeqNo: 781385						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	155.1	16	166.6	0	93.1	71	123	0	0		
Aroclor 1260	160.7	16	166.6	22.22	63.1	72	122	0	0		
Surr: Decachlorobiphenyl	14.55	0	16.65	0	87.4	53	130	0	0		
Surr: Tetrachloro-m-xylene	18.07	0	16.65	0	109	61	135	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits
 B - Analyte detected in the associated Method Blank
 Calculations are based on raw values

DO - Surrogate dilute out
 H - Sample exceeded holding time

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Advanced Technology
Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4145 Fax: 562 989-4040

CLIENT: Ninyo & Moore
Work Order: 078325
Project: Bloomfield II, 205372001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

Sample ID: 078325-001GMSDA	SampType: MSD	TestCode: 8082_S	Units: µg/Kg	Prep Date: 8/25/2005	Run ID: GC4_050825A						
Client ID: SP-1	Batch ID: 24018	TestNo: EPA 8082	(EPA 35508)	Analysis Date: 8/26/2005	SeqNo: 781386						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1018	138.2	18	166.6	0	82.9	71	123	155.1	11.5	30	
Aroclor 1260	164.5	18	166.6	22.22	85.4	72	122	160.7	2.33	30	
Sum: Decachlorobiphenyl	14.28	0	16.65	0	85.8	53	130	0	0	0	
Sum: Tetrachloro-m-xylene	17.04	0	16.65	0	102	61	135	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values

DO - Surrogate dilute out
H - Sample exceeded holding time

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Advanced Technology
Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4100

CLIENT: Ninyo & Moore
Work Order: 078325
Project: Bloomfield II, 205372001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: P050824MB2	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	Run ID: MS1_050824A						
Client ID: ZZZZ	Batch ID: P05V8138	TestNo: EPA 8260B		Analysis Date: 8/24/2005	SeqNo: 780485						
Analyta	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Analyta	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropene	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values

DO - Surrogate dilute out
H - Sample exceeded holding time



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Laboratories

3275 Walnut Avenue

Signal Hill, CA 90755

Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Niryo & Moore
Work Order: 078325
Project: Bloomfield II, 205372001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: P050824MB2	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	Run ID: MS1_050824A						
Client ID: ZZZZ	Batch ID: P05VS138	TestNo: EPA 8260B		Analysis Date: 8/24/2005	SeqNo: 780495						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Di-isopropyl ether	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethyl Tert-butyl ether	ND	5.0									
Ethylbenzene	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
MTBE	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
Tert-amyl methyl ether	ND	5.0									
Tert-Butanol	ND	100									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values

DO - Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology
Laboratories

3275 Walnut Avenue

Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Ninyo & Moore
 Work Order: 078325
 Project: Bloomfield II, 205372001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: P050824MB2	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	Run ID: MS1_050824A						
Client ID: ZZZZ	Batch ID: P05VS138	TestNo: EPA 8260B		Analysis Date: 8/24/2005	SeqNo: 780495						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	48.98	5.0	50	0	94	66	149	0	0		
Surr: 4-Bromofluorobenzene	46.92	5.0	60	0	93.8	83	125	0	0		
Surr: Dibromofluoromethane	47.53	5.0	50	0	95.1	75	139	0	0		
Surr: Toluene-d8	50.13	5.0	50	0	100	87	133	0	0		

Sample ID: P050825MB2	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	Run ID: MS1_050825A						
Client ID: ZZZZ	Batch ID: P05VS139	TestNo: EPA 8260B		Analysis Date: 8/25/2005	SeqNo: 780855						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropene	ND	10									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									

Qualifiers: ND - Not Detected at the Reporting Limit
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 B - Analyte detected in the associated Method Blank
 Calculations are based on raw values

DO - Surrogate dilute out
 H - Sample exceeded holding time

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Advanced Technology
Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Ninyo & Moore
 Work Order: 078325
 Project: Bloomfield II, 205372001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: P050625MB2	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	Run ID: MS1_050825A						
Client ID: ZZZZZ	Batch ID: P05V3139	TestNo: EPA 8260B		Analysis Date: 8/25/2005	SeqNo: 780853						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropene	ND	5.0									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethane	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Di-Isopropyl ether	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethyl Tert-butyl ether	ND	5.0									
Ethylbenzene	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
MTBE	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
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S - Spike Recovery outside accepted recovery limits
 B - Analyte detected in the associated Method Blank
 Calculations are based on raw values

DO - Surrogate dilute out
 H - Sample exceeded holding time

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Advanced Technology
Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4100

CLIENT: Niayo & Moore
 Work Order: 078325
 Project: Bloomfield II, 205372001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: P050826MB2	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	Run ID: MS1_050826A						
Client ID: ZZZZ	Batch ID: P05VS139	TestNo: EPA 8260B		Analysis Date: 8/25/2005	SeqNo: 780855						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	5.0									
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
Tert-amyl methyl ether	ND	5.0									
Tert-Butanol	ND	100									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	48.05	5.0	50	0	92.1	66	149	0	0		
Surr: 4-Bromofluorobenzene	47.15	5.0	50	0	94.3	83	125	0	0		
Surr: Dibromofluoromethane	47.39	5.0	50	0	94.8	75	139	0	0		
Surr: Toluene-d8	49.64	5.0	50	0	99.3	87	133	0	0		

Sample ID: P050824LC1	SampType: LCS	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	Run ID: MS1_050824A						
Client ID: ZZZZ	Batch ID: P05VS138	TestNo: EPA 8260B		Analysis Date: 8/24/2005	SeqNo: 780492						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	98.97	5.0	100	0	99	70	119	0	0		
Benzene	116.7	5.0	100	0	117	80	121	0	0		
Chlorobenzene	114.2	5.0	100	0	114	88	129	0	0		
MTBE	106.2	5.0	100	0	106	59	126	0	0		
Toluene	112.2	5.0	100	0	112	84	126	0	0		
Trichloroethene	118.9	5.0	100	0	119	83	129	0	0		
Surr: 1,2-Dichloroethane-d4	45.62	5.0	50	0	91.2	66	149	0	0		
Surr: 4-Bromofluorobenzene	49.28	5.0	50	0	98.6	83	125	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits
 B - Analyte detected in the associated Method Blank
 Calculations are based on raw values

DO - Surrogate dilute out
 H - Sample exceeded holding time

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Advanced Technologies
Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4145 Fax: 562 989-4141

CLIENT: Ninyo & Moore
 Work Order: 078325
 Project: Bloomfield II, 205372001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: P050824LC1	SampType: LCS	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	Run ID: MS1_050824A						
Client ID: ZZZZ	Batch ID: P05VS138	TestNo: EPA 8260B		Analysis Date: 8/24/2005	SeqNo: 780482						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	44.6	5.0	50	0	89.6	75	139	0	0		
Surr: Toluene-d8	49.61	5.0	50	0	99.2	87	133	0	0		

Sample ID: P050825LC1	SampType: LCS	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	Run ID: MS1_050825A						
Client ID: ZZZZ	Batch ID: P05VS139	TestNo: EPA 8260B		Analysis Date: 8/25/2005	SeqNo: 780852						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	90.42	5.0	100	0	90.4	70	119	0	0		
Benzene	106.9	5.0	100	0	107	80	121	0	0		
Chlorobenzene	113.1	5.0	100	0	113	88	129	0	0		
MTBE	90.43	5.0	100	0	90.4	59	126	0	0		
Toluene	97.01	5.0	100	0	97	84	126	0	0		
Trichloroethene	99.33	5.0	100	0	99.3	83	129	0	0		
Surr: 1,2-Dichloroethane-d4	37.51	5.0	50	0	75	66	149	0	0		
Surr: 4-Bromofluorobenzene	47.5	5.0	50	0	95	83	125	0	0		
Surr: Dibromofluoromethane	43.61	5.0	50	0	87.2	75	139	0	0		
Surr: Toluene-d8	44.51	5.0	50	0	89	87	133	0	0		

Sample ID: 078332-001AMS	SampType: MS	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	Run ID: MS1_050824A						
Client ID: ZZZZ	Batch ID: P05VS138	TestNo: EPA 8260B		Analysis Date: 8/24/2005	SeqNo: 780483						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	92.88	5.0	100	0	92.8	52	135	0	0		
Benzene	104.7	5.0	100	0	105	52	143	0	0		
Chlorobenzene	104.7	5.0	100	0	105	48	154	0	0		
MTBE	106.5	5.0	100	0	107	34	156	0	0		
Toluene	101.9	5.0	100	0	102	54	146	0	0		
Trichloroethene	116.8	5.0	100	0	117	44	169	0	0		
Surr: 1,2-Dichloroethane-d4	47.27	5.0	50	0	94.5	66	149	0	0		
Surr: 4-Bromofluorobenzene	49.51	5.0	50	0	99	83	125	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits
 B - Analyte detected in the associated Method Blank
 Calculations are based on raw values

DO - Surrogate dilute out
 H - Sample exceeded holding time

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Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Niayo & Moore
Work Order: 078325
Project: Bloomfield II, 205372001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 078332-001AMS	SampType: MS	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	Run ID: M61_050824A						
Client ID: ZZZZ	Batch ID: P05VS138	TestNo: EPA 8260B		Analysis Date: 8/24/2005	SeqNo: 780493						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	46.02	5.0	50	0	92	75	139	0	0		
Surr: Toluene-d8	49.53	5.0	50	0	99.1	87	133	0	0		

Sample ID: 078277-001AMS	SampType: MS	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	Run ID: MS1_050825A						
Client ID: ZZZZ	Batch ID: P05VS139	TestNo: EPA 8260B		Analysis Date: 8/25/2005	SeqNo: 780493						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	89.88	5.0	100	0	90	52	135	0	0		
Benzene	102.3	5.0	100	0	102	52	143	0	0		
Chlorobenzene	96.62	5.0	100	0	99.6	48	154	0	0		
MTBE	98.3	5.0	100	0	98.3	34	156	0	0		
Toluene	99.53	5.0	100	0	99.9	54	146	0	0		
Trichloroethene	104.9	5.0	100	0	105	44	169	0	0		
Surr: 1,2-Dichloroethane-d4	47.44	5.0	50	0	94.9	66	149	0	0		
Surr: 4-Bromofluorobenzene	48.52	5.0	50	0	97	83	125	0	0		
Surr: Dibromofluoromethane	48.25	5.0	50	0	92.5	75	139	0	0		
Surr: Toluene-d8	49.95	5.0	50	0	99.9	87	133	0	0		

Sample ID: 078332-601AMS	SampType: MSD	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	Run ID: MS1_050824A						
Client ID: ZZZZ	Batch ID: P05VS138	TestNo: EPA 8260B		Analysis Date: 8/24/2005	SeqNo: 780494						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	94.47	5.0	100	0	94.5	52	135	92.88	1.70	30	
Benzene	109.1	5.0	100	0	109	52	143	104.7	4.11	30	
Chlorobenzene	106	5.0	100	0	106	48	154	104.7	1.21	30	
MTBE	108.3	5.0	100	0	108	34	156	106.5	1.65	30	
Toluene	104.1	5.0	100	0	104	54	146	101.9	2.07	30	
Trichloroethene	125.4	5.0	100	0	125	44	169	116.8	7.08	30	
Surr: 1,2-Dichloroethane-d4	48.09	5.0	50	0	96.2	66	149	0	0	30	
Surr: 4-Bromofluorobenzene	49.75	5.0	50	0	99.5	83	125	0	0	30	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values

DO - Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology
Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Ninyo & Moore
 Work Order: 078325
 Project: Bloomfield II, 205372001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 078332-001AM9D	SampType: MSD	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	Run ID: MS1_050824A						
Client ID: ZZZZ	Batch ID: P05VS138	TestNo: EPA 8260B		Analysis Date: 8/24/2005	SeqNo: 780484						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	48.47	5.0	50	0	92.9	76	139	0	0	30	
Surr: Toluene-d8	48.91	5.0	50	0	99.6	87	133	0	0	30	

Sample ID: 078277-005AMSD	SampType: MSD	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	Run ID: MS1_050825A						
Client ID: ZZZZ	Batch ID: P05VS138	TestNo: EPA 8260B		Analysis Date: 8/25/2005	SeqNo: 780854						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	92.83	5.0	100	0	92.8	52	135	89.98	3.12	30	
Benzene	106.8	5.0	100	0	107	52	143	102.3	4.30	30	
Chlorobenzene	104	5.0	100	0	104	48	154	99.62	4.31	30	
MTBE	103.8	5.0	100	0	104	34	156	98.3	5.39	30	
Toluene	103.7	5.0	100	0	104	54	148	99.55	4.11	30	
Trichloroethene	111.2	5.0	100	0	111	44	169	104.9	5.80	30	
Surr: 1,2-Dichloroethane-d4	47.32	5.0	50	0	94.8	66	149	0	0	30	
Surr: 4-Bromofluorobenzene	48.91	5.0	50	0	97.8	83	125	0	0	30	
Surr: Dibromofluoromethane	48.97	5.0	50	0	93.9	75	139	0	0	30	
Surr: Toluene-d8	50.22	5.0	50	0	100	87	133	0	0	30	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits
 B - Analyte detected in the associated Method Blank
 Calculations are based on raw values

DO - Surrogate dilute out
 H - Sample exceeded holding time

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3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4041

CLIENT: Ninyo & Moore
Work Order: 078325
Project: Bloomfield II, 205372001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: NB-24016	SampType: MBLK	TestCode: 8270_S_FUL	Units: ug/Kg	Prep Date: 8/25/2005	Run ID: MS7_050825B						
Client ID: ZZZZZ	Batch ID: 24016	TestNo: EPA 8270C (EPA 3550B)		Analysis Date: 8/25/2005	SeqNo: 781121						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	330									
1,2-Dichlorobenzene	ND	330									
1,3-Dichlorobenzene	ND	330									
1,4-Dichlorobenzene	ND	330									
2,4,5-Trichlorophenol	ND	330									
2,4,6-Trichlorophenol	ND	330									
2,4-Dichlorophenol	ND	1600									
2,4-Dimethylphenol	ND	330									
2,4-Dinitrophenol	ND	1600									
2,4-Dinitrotoluene	ND	330									
2,6-Dinitrotoluene	ND	330									
2-Chloronaphthalene	ND	330									
2-Chlorophenol	ND	330									
2-Methylnaphthalene	ND	330									
2-Methylphenol	ND	330									
2-Nitroaniline	ND	1600									
2-Nitrophenol	ND	330									
3,3'-Dichlorobenzidine	ND	860									
3-Nitroaniline	ND	1600									
4,6-Dinitro-2-methylphenol	ND	1800									
4-Bromophenyl-phenylether	ND	330									
4-Chloro-3-methylphenol	ND	680									
4-Chloroaniline	ND	660									
4-Chlorophenyl-phenylether	ND	330									
4-Methylphenol	ND	330									
4-Nitroaniline	ND	1600									
4-Nitrophenol	ND	1600									
Acenaphthene	ND	330									
Acenaphthylene	ND	330									
Anthracene	ND	330									

Qualifiers: ND - Not Detected at the Reporting Limit
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S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values

DO - Surrogate dilute out
H - Sample exceeded holding time



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3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Ninyo & Moore
Work Order: 078325
Project: Bloomfield II, 205372001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: MB-24016	SampType: #BLK	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 8/25/2005	Run ID: MS7_050825B						
Client ID: ZZZZ	Batch ID: 24018	TestNo: EPA 8270C (EPA 3530B)		Analysis Date: 8/25/2005	SeqNo: 781121						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzidine (M)	ND	1600									
Benzo(a)anthracene	ND	330									
Benzo(a)pyrene	ND	330									
Benzo(b)fluoranthene	ND	330									
Benzo(g,h,i)perylene	ND	330									
Benzo(k)fluoranthene	ND	330									
Benzoic acid	ND	1600									
Benzyl alcohol	ND	660									
Bis(2-chloroethoxy)methane	ND	330									
Bis(2-chloroethyl)ether	ND	330									
Bis(2-chloroisopropyl)ether	ND	330									
Bis(2-ethylhexyl)phthalate	ND	330									
Butylbenzylphthalate	ND	330									
Chrysene	ND	330									
Di-n-butylphthalate	ND	330									
Di-n-octylphthalate	ND	330									
Dibenz(a,h)anthracene	ND	330									
Dibenzofuran	ND	330									
Dioethylphthalate	ND	330									
Dimethylphthalate	ND	330									
Fluoranthene	ND	330									
Fluorene	ND	330									
Hexachlorobenzene	ND	330									
Hexachlorobutadiene	ND	660									
Hexachlorocyclopentadiene	ND	660									
Hexachloroethane	ND	330									
Indeno(1,2,3-cd)pyrene	ND	330									
Isophorone	ND	330									
N-Nitrosodi-n-propylamine	ND	330									
N-Nitrosodiphenylamine	ND	330									

Qualifiers: ND - Not Detected at the Reporting Limit
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S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values

DO - Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology
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3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4145 Fax: 562 989-4040

CLIENT: Ninyo & Moore
 Work Order: 078325
 Project: Bloomfield II, 205372001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: MB-24016	SampType: MBLK	TestCode: 8270_S_FULL	Units: µg/Kg	Prep Date: 8/25/2005	Run ID: MS7_050825B						
Client ID: ZZZZ	Batch ID: 24016	TestNo: EPA 8270C (EPA 3550B)		Analysis Date: 8/25/2005	SeqNo: 781121						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	330									
Nitrobenzene	ND	330									
Pentachlorophenol	ND	1600									
Phenanthrene	ND	330									
Phenol	ND	330									
Pyrene	ND	330									
Surr: 1,2-Dichlorobenzene-d4	2704	0	3330	0	81.2	37	106	0	0		
Surr: 2,4,6-Tribromophenol	3504	0	3330	0	105	30	148	0	0		
Surr: 2-Chlorophenol-d4	3099	0	3330	0	93.1	43	116	0	0		
Surr: 2-Fluorobiphenyl	2909	0	3330	0	87.4	40	112	0	0		
Surr: 2-Fluorophenol	3139	0	3330	0	94.3	36	124	0	0		
Surr: 4-Terphenyl-d14	3178	0	3330	0	95.4	45	133	0	0		
Surr: Nitrobenzene-d5	2908	0	3330	0	87.3	36	117	0	0		
Surr: Phenol-d5	3227	0	3330	0	96.9	46	125	0	0		

Sample ID: MB-24016	SampType: MBLK	TestCode: 8270_S_FULL	Units: µg/Kg	Prep Date: 8/25/2005	Run ID: MS7_050826A						
Client ID: ZZZZ	Batch ID: 24016	TestNo: EPA 8270C (EPA 3550B)		Analysis Date: 8/28/2005	SeqNo: 781188						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	330									
1,2-Dichlorobenzene	ND	330									
1,3-Dichlorobenzene	ND	330									
1,4-Dichlorobenzene	ND	330									
2,4,5-Trichlorophenol	ND	330									
2,4,6-Trichlorophenol	ND	330									
2,4-Dichlorophenol	ND	1600									
2,4-Dimethylphenol	ND	330									
2,4-Dinitrophenol	ND	1600									
2,4-Dinitrotoluene	ND	330									
2,6-Dinitrotoluene	ND	330									

Qualifiers: ND - Not Detected at the Reporting Limit
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 B - Analyte detected in the associated Method Blank
 Calculations are based on raw values

DO - Surrogate dilute out
 H - Sample exceeded holding time

Advanced Technology
Laboratories

3275 Walnut Avenue

Signal Hill, CA 90755

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CLIENT: Ninyo & Moore
 Work Order: 078325
 Project: Bloomfield II, 205372001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: MB-24016	SampType: MBLK	TestCode: 8270_S_FULL	Units: µg/Kg	Prep Date: 8/25/2003	Run ID: MS7_050828A						
Client ID: ZZZZ	Batch ID: 24016	TestNo: EPA 8270C (EPA 3550B)		Analysis Date: 8/26/2003	SeqNo: 761186						
Analyta	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Chloronaphthalene	ND	330									
2-Chlorophenol	ND	330									
2-Methylnaphthalene	ND	330									
2-Methylphenol	ND	330									
2-Nitroaniline	ND	1600									
2-Nitrophenol	ND	330									
3,3'-Dichlorobenzidine	ND	660									
3-Nitroaniline	ND	1600									
4,6-Dinitro-2-methylphenol	ND	1600									
4-Bromophenyl-phenylether	ND	330									
4-Chloro-3-methylphenol	ND	660									
4-Chloroaniline	ND	660									
4-Chlorophenyl-phenylether	ND	330									
4-Methylphenol	ND	330									
4-Nitroaniline	ND	1600									
4-Nitrophenol	ND	1600									
Acenaphthene	ND	330									
Acenaphthylene	ND	330									
Anthracene	ND	330									
Benzidine (M)	ND	1600									
Benzo(a)anthracene	ND	330									
Benzo(a)pyrene	ND	330									
Benzo(b)fluoranthene	ND	330									
Benzo(g,h,i)perylene	ND	330									
Benzo(k)fluoranthene	ND	330									
Benzoic acid	ND	1800									
Benzyl alcohol	ND	660									
Bis(2-chloroethoxy)methane	ND	330									
Bis(2-chloroethyl)ether	ND	330									
Bis(2-chloroisopropyl)ether	ND	330									

Qualifiers: ND - Not Detected at the Reporting Limit
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 B - Analyte detected in the associated Method Blank
 Calculations are based on raw values

DO - Surrogate dilute out
 H - Sample exceeded holding time



Advanced Technology
Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Ninyo & Moore
Work Order: 078325
Project: Bloomfield II, 205372001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: MB-24016	SampType: MBLK	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 8/25/2005	Run ID: N87_050826A						
Client ID: ZZZZ	Batch ID: 24016	TestNo: EPA 8270C (EPA 3950B)		Analyst Date: 8/26/2005	SeqNo: 781188						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bis(2-ethoxy)phthalate	ND	330									
Butylbenzylphthalate	ND	330									
Chrysene	ND	330									
Di-n-butylphthalate	ND	330									
Di-n-octylphthalate	ND	330									
Dibenz(a,h)anthracene	ND	330									
Dibenzofuran	ND	330									
Diethylphthalate	ND	330									
Dimethylphthalate	ND	330									
Fluoranthene	ND	330									
Fluorene	ND	330									
Hexachlorobenzene	ND	330									
Hexachlorobutadiene	ND	660									
Hexachlorocyclopentadiene	ND	660									
Hexachloroethane	ND	330									
Indeno(1,2,3-cd)pyrene	ND	330									
Isophorone	ND	330									
N-Nitrosodi-n-propylamine	ND	330									
N-Nitrosodiphenylamine	ND	330									
Naphthalene	ND	330									
Nitrobenzene	ND	330									
Pentachlorophenol	ND	1600									
Phenanthrene	ND	330									
Phenol	ND	330									
Pyrene	ND	330									
Surr: 1,2-Dichlorobenzene-d4	2696	0	3330	0	81	37	106	0	0		
Surr: 2,4,6-Tribromophenol	3372	0	3330	0	101	30	148	0	0		
Surr: 2-Chlorophenol-d4	3099	0	3330	0	93.1	43	116	0	0		
Surr: 2-Fluorobiphenyl	2968	0	3330	0	89.1	40	112	0	0		
Surr: 2-Fluorophenol	3222	0	3330	0	96.8	36	124	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
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S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values

DO - Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology
Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Ninyo & Moore
 Work Order: 078325
 Project: Bloomfield II, 205372001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: MB-24018	SampType: MBLK	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 8/25/2005	Run ID: M97_050826A						
Client ID: ZZZZ	Batch ID: 24018	TestNo: EPA 8270C (EPA 3550B)		Analysis Date: 8/26/2005	SeqNo: 781188						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Terphenyl-d14	3240	0	3330	0	97.3	45	133	0	0		
Surr: Nitrobenzene-d5	2960	0	3330	0	89.5	36	117	0	0		
Surr: Phenol-d5	3278	0	3330	0	98.4	46	125	0	0		

Sample ID: LCS-24018	SampType: LCS	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 8/25/2005	Run ID: M97_050825B						
Client ID: ZZZZ	Batch ID: 24018	TestNo: EPA 8270C (EPA 3550B)		Analysis Date: 8/25/2005	SeqNo: 781122						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3083	330	3330	0	92.6	61	90	0	0		
1,4-Dichlorobenzene	2848	330	3330	0	85.5	57	89	0	0		
2,4-Dinitrotoluene	3726	330	3330	0	112	65	129	0	0		
2-Chlorophenol	3112	330	3330	0	93.5	62	106	0	0		
4-Chloro-3-methylphenol	3580	660	3330	0	107	73	121	0	0		
4-Nitrophenol	3752	1600	3330	0	113	69	142	0	0		
Aceaphthene	3463	330	3330	0	104	60	108	0	0		
N-Nitrosodi-n-propylamine	3424	330	3330	0	103	64	106	0	0		
Pentachlorophenol	3766	1600	3330	0	113	70	138	0	0		
Phenol	3316	330	3330	0	99.6	67	114	0	0		
Pyrene	3429	330	3330	0	103	64	109	0	0		
Surr: 1,2-Dichlorobenzene-d4	2771	0	3330	0	83.2	37	106	0	0		
Surr: 2,4,6-Tribromophenol	3755	0	3330	0	113	30	148	0	0		
Surr: 2-Chlorophenol-d4	3174	0	3330	0	95.3	43	116	0	0		
Surr: 2-Fluorobiphenyl	3140	0	3330	0	94.3	40	112	0	0		
Surr: 2-Fluorophenol	3262	0	3330	0	98	38	124	0	0		
Surr: 4-Terphenyl-d14	3703	0	3330	0	111	45	133	0	0		
Surr: Nitrobenzene-d5	3053	0	3330	0	91.7	36	117	0	0		
Surr: Phenol-d5	3352	0	3330	0	101	46	125	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits
 B - Analyte detected in the associated Method Blank
 Calculations are based on raw values

DO - Surrogate dilute out
 H - Sample exceeded holding time



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Laboratories

3275 Wilbur Avenue

Signal Hill, CA 90755

Tel: 562 989-4045

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CLIENT: Ninyo & Moore
Work Order: 078325
Project: Bloomfield II, 205372001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: LCS-24018	SampType: LCS	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 8/25/2005	Run ID: MS7_050825A						
Client ID: ZZZZZ	Batch ID: 24018	TestNo: EPA 8270C	(EPA 3550B)	Analysis Date: 8/26/2005	SeqNo: 781189						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3081	330	3330	0	92.5	61	99	0	0		
1,4-Dichlorobenzene	2843	330	3330	0	85.4	57	89	0	0		
2,4-Dinitrotoluene	3557	330	3330	0	107	65	129	0	0		
2-Chlorophenol	3135	330	3330	0	94.1	82	106	0	0		
4-Chloro-3-methylphenol	3507	860	3330	0	105	73	121	0	0		
4-Nitrophenol	3407	1600	3330	0	102	69	142	0	0		
Aceonaphthene	3428	330	3330	0	103	60	106	0	0		
N-Nitrosod-n-propylamine	3406	330	3330	0	102	64	106	0	0		
Pentachlorophenol	3579	1600	3330	0	107	70	136	0	0		
Phenol	3362	330	3330	0	101	67	114	0	0		
Pyrene	3381	330	3330	0	102	64	109	0	0		
Surr: 1,2-Dichlorobenzene-d4	2701	0	3330	0	81.1	37	106	0	0		
Surr: 2,4,6-Tribromophenol	3568	0	3330	0	107	30	148	0	0		
Surr: 2-Chlorophenol-d4	3091	0	3330	0	92.8	43	116	0	0		
Surr: 2-Fluorobiphenyl	3050	0	3330	0	91.6	40	112	0	0		
Surr: 2-Fluorophenol	3242	0	3330	0	97.3	36	124	0	0		
Surr: 4-Terphenyl-d14	3725	0	3330	0	112	45	133	0	0		
Surr: Nitrobenzene-d5	2965	0	3330	0	89.6	36	117	0	0		
Surr: Phenol-d5	3315	0	3330	0	99.5	46	125	0	0		

Sample ID: 078325-005GMS	SampType: MS	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 8/25/2005	Run ID: MS7_050825B						
Client ID: SP-5	Batch ID: 24018	TestNo: EPA 8270C	(EPA 3550B)	Analysis Date: 8/26/2005	SeqNo: 781123						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	4165	990	3330	0	125	54	99	0	0		S
1,4-Dichlorobenzene	3820	990	3330	0	115	50	90	0	0		S
2,4-Dinitrotoluene	2548	990	3330	0	78.5	55	130	0	0		
2-Chlorophenol	4138	990	3330	0	124	56	106	0	0		S
4-Chloro-3-methylphenol	4411	2000	3330	0	132	64	125	0	0		S
4-Nitrophenol	ND	5000	3330	0	100	64	140	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
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B - Analyte detected in the associated Method Blank
Calculations are based on raw values

DO - Surrogate dilute out
H - Sample exceeded holding time



Advanced Technology
Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Ninyo & Moore
Work Order: 078325
Project: Bloomfield II, 205372001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: 078325-005GMS	SampType: MS	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 8/25/2005	Run ID: MS7_050823B						
Client ID: SP-5	Batch ID: 24016	TestNo: EPA 8270C (EPA 3550B)		Analysis Date: 8/26/2005	SeqNo: 781123						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	4425	990	3330	0	133	54	108	0	0		S
N-Nitrosodi-n-propylamine	4309	990	3330	0	129	48	111	0	0		S
Pentachlorophenol	ND	5000	3330	0	86.8	64	139	0	0		
Phenol	4339	990	3330	0	130	48	118	0	0		S
Pyrene	4146	990	3330	223	118	48	115	0	0		S
Surr: 1,2-Dichlorobenzene-d4	3820	0	3330	0	109	37	106	0	0		S
Surr: 2,4,6-Tribromophenol	4161	0	3330	0	125	30	148	0	0		
Surr: 2-Chlorophenol-d4	4102	0	3330	0	123	43	116	0	0		S
Surr: 2-Fluorobiphenyl	4031	0	3330	0	121	40	112	0	0		S
Surr: 2-Fluorophenol	4122	0	3330	0	124	36	124	0	0		
Surr: 4-Terphenyl-d14	4100	0	3330	0	123	45	133	0	0		
Surr: Nitrobenzene-d5	3766	0	3330	0	113	36	117	0	0		
Surr: Phenol-d5	4167	0	3330	0	125	46	125	0	0		S

Sample ID: 078325-005GMSD	SampType: MSD	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 8/25/2005	Run ID: MS7_050825B						
Client ID: SP-5	Batch ID: 24016	TestNo: EPA 8270C (EPA 3550B)		Analysis Date: 8/26/2005	SeqNo: 781124						
Analyte	Result	PCL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3940	990	3330	0	118	54	99	4166	5.55	30	S
1,4-Dichlorobenzene	3640	990	3330	0	109	50	90	3820	4.83	30	S
2,4-Dinitrotoluene	2628	990	3330	0	78.9	55	130	2548	3.09	30	
2-Chlorophenol	3987	990	3330	0	120	56	106	4138	3.72	30	S
4-Chloro-3-methylphenol	4242	2000	3330	0	127	64	125	4411	3.91	30	S
4-Nitrophenol	ND	5000	3330	0	101	64	140	3342	0	30	
Acenaphthene	4306	990	3330	0	129	54	109	4425	2.73	30	S
N-Nitrosodi-n-propylamine	4128	990	3330	0	124	46	111	4309	4.29	30	S
Pentachlorophenol	ND	5000	3330	0	87.8	64	139	2958	0	30	
Phenol	4157	990	3330	0	125	48	118	4339	4.28	30	S
Pyrene	3995	990	3330	223	113	48	115	4146	3.71	30	
Surr: 1,2-Dichlorobenzene-d4	3431	0	3330	0	103	37	106	0	0	30	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values

DO - Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology
Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Ninyo & Moore
 Work Order: 078325
 Project: Bloomfield II, 205372001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	4064	0	3330	0	122	30	148	0	0	30	
Surr: 2-Chlorophenol-d4	3951	0	3330	0	119	43	116	0	0	30	S
Surr: 2-Fluorobiphenyl	3844	0	3330	0	115	40	112	0	0	30	S
Surr: 2-Fluorophenol	3978	0	3330	0	119	36	124	0	0	30	
Surr: 4-Terphenyl-d14	4010	0	3330	0	120	45	133	0	0	30	
Surr: Nitrobenzene-d5	3572	0	3330	0	107	36	117	0	0	30	
Surr: Phenol-d5	4082	0	3330	0	123	46	125	0	0	30	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits
 B - Analyte detected in the associated Method Blank
 Calculations are based on raw values

DO- Surrogate dilute out
 H - Sample exceeded holding time

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CLIENT: Ninyo & Moore
 Work Order: 078325
 Project: Bloomfield II, 205372001

ANALYTICAL QC SUMMARY REPORT

TestCode: HC_S_SEMI

Sample ID: MB-24014	SampType: MBLK	TestCode: HC_S_SEMI	Units: mg/Kg	Prep Date: 8/25/2005	Run ID: GC8_050826A						
Client ID: ZZZZZ	Batch ID: 24014	TestNo: EPA 8015B(M) (LUFT)		Analysis Date: 8/26/2005	SeqNo: 781274						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C10-C12	ND	10									
T/R Hydrocarbons: C13-C15	ND	10									
T/R Hydrocarbons: C16-C22	ND	10									
T/R Hydrocarbons: C23-C32	ND	10									
T/R Hydrocarbons:>C32	ND	10									
Sum: p-Terphenyl	94.41	0	80	0	118	51	128	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits
 B - Analyte detected in the associated Method Blank
 Calculations are based on raw values

DO- Surrogate dilute out
 H - Sample exceeded holding time



CLIENT: Ninyo & Moore
 Work Order: 078325
 Project: Bloomfield II, 205372001

ANALYTICAL QC SUMMARY REPORT

BatchID: 24014

Sample ID: LCS-24014	SampType: LCS	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 8/25/2005	Run ID: GC8_050826A						
Client ID: ZZZZ	Batch ID: 24014	TestNo: EPA 8015B(M (LUFT))		Analysis Date: 8/26/2005	SeqNo: 781480						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel	1195	10	1000	0	120	68	126	0	0		
Surr: p-Terphenyl	92.26	0	80	0	115	51	128	0	0		

Sample ID: 078325-004GMS	SampType: MS	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 8/25/2005	Run ID: GC8_050826A						
Client ID: SP-4	Batch ID: 24014	TestNo: EPA 8015B(M (LUFT))		Analysis Date: 8/26/2005	SeqNo: 781481						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel	1142	10	1000	337.4	80.4	49	139	0	0		
Surr: p-Terphenyl	69.75	0	80	0	87.2	51	128	0	0		

Sample ID: 078325-004GMSD	SampType: MSD	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 8/25/2005	Run ID: GC8_050826A						
Client ID: SP-4	Batch ID: 24014	TestNo: EPA 8015B(M (LUFT))		Analysis Date: 8/26/2005	SeqNo: 781482						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel	1173	10	1000	337.4	83.6	49	139	1142	2.73	30	
Surr: p-Terphenyl	69.66	0	80	0	87.1	51	128	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 I - Analyte detected below quantitation limits
 R - RPD outside accepted recovery limits

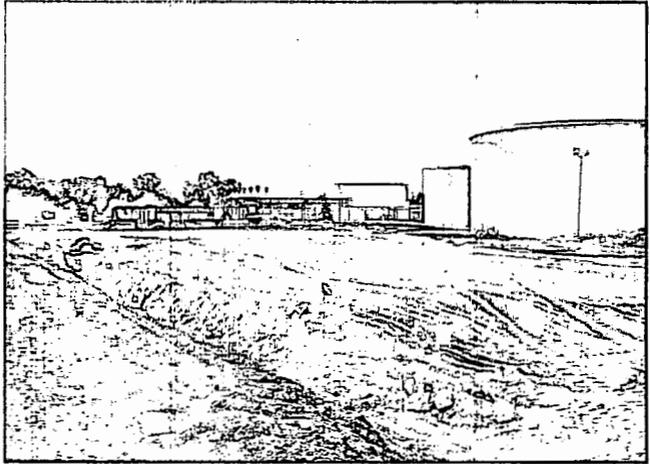
S - Spike/Surrogate outside limits due to matrix interference
 B - Analyte detected in the associated Method Blank
 Calculations are based on raw values

DO - Surrogate diluted out
 H - Sample exceeded holding time

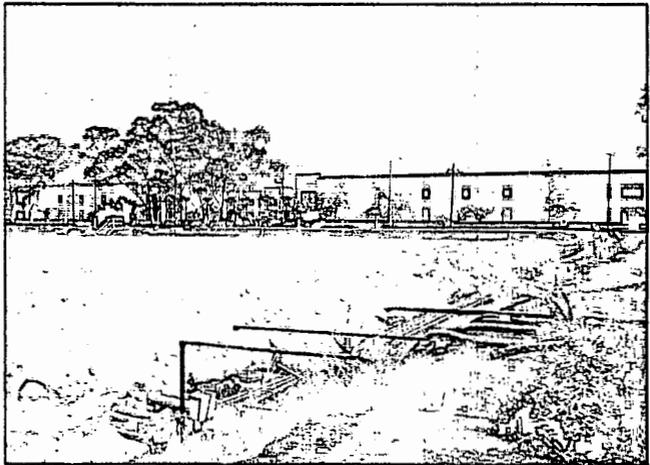
10806 Bloomfield Avenue
Santa Fe Springs, California

November 16, 2005
Project No. 205372006

ATTACHMENT B
PHOTOGRAPHIC DOCUMENTATION



Photograph No. 1: Excess soil stockpile on Cenco Refinery property, looking southwest from Bloomfield Avenue.



Photograph No. 2: Excess soil stockpile on Cenco Refinery property, looking east toward Bloomfield Avenue.



Photograph No. 3: Excess soil stockpile on Cenco Refinery property, looking northeast toward Bloomfield Avenue.